



January 23, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: CIRCLE K STORE 05426
8510 GRAVENSTEIN HIGHWAY
COTATI, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Circle K Store 05426, located at 8510 Gravenstein Highway, Cotati, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature consisting of two stylized loops on the left and a vertical line with a small flourish on the right.

Anju Farfan
QMS Operations Manager

CC: Mr. Thomas Potter, Secor International, Inc. (3 copies)

Enclosures
20-0400/05426R09.QMS



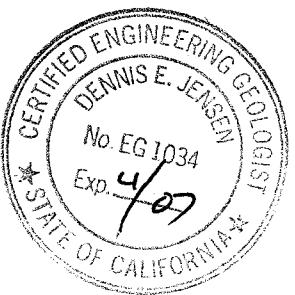
**QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005**

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



A handwritten signature of "Dennis E. Jensen" is positioned above a circular official seal. The seal is for a Certified Engineering Geologist in the State of California. It contains the text "CERTIFIED ENGINEERING GEOLIST", "DENNIS E. JENSEN", "No. EG 1034", "Exp. 4/07", and "STATE OF CALIFORNIA".

Senior Project Geologist, Irvine Operations
January 23, 2006

LIST OF ATTACHMENTS

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Summary of Gauging and Sampling Activities
October 2005 through December 2005
Circle K Store 05426
8510 Gravenstein Highway
Cotati, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-588-7666**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **11/09/05**

Sample Points

Groundwater wells: **5** onsite, **1** offsite Wells gauged: **6** Wells sampled: **6**

Purging method: **Diaphragm pump**

Purge water disposal: **Onyx/Rodeo Unit 100**

Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**

LPH removal frequency: **n/a** Method: **n/a**

Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **8.75 feet** Maximum: **10.64 feet**

Average groundwater elevation (relative to available local datum): **93.41 feet**

Average change in groundwater elevation since previous event: **0.85 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.01 ft/ft, northeast**

Previous event: **0.01 ft/ft, northeast (08/22/05)**

Selected Laboratory Results

Wells with detected **Benzene**: **2** Wells above MCL (1.0 µg/l): **2**
Maximum reported benzene concentration: **69 µg/l (MW-2)**

Wells with **TPPH 8260B** **4** Maximum: **3,500 µg/l (MW-7)**

Wells with **MTBE** **5** Maximum: **140 µg/l (MW-7)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	= not analyzed, measured, or collected
LPH	= liquid-phase hydrocarbons
Trace	= less than 0.01 foot of LPH in well
$\mu\text{g/l}$	= micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	= milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	= not detected at or above laboratory detection limit
TOC	= top of casing (surveyed reference elevation)

ANALYTES

BTEX	= benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	= di-isopropyl ether
ETBE	= ethyl tertiary butyl ether
MTBE	= methyl tertiary butyl ether
PCB	= polychlorinated biphenyls
PCE	= tetrachloroethene
TBA	= tertiary butyl alcohol
TCA	= trichloroethane
TCE	= trichloroethene
TPH-G	= total petroleum hydrocarbons with gasoline distinction
TPH-D	= total petroleum hydrocarbons with diesel distinction
TPPH	= total purgeable petroleum hydrocarbons
TRPH	= total recoverable petroleum hydrocarbons
TAME	= tertiary amyl methyl ether
1,1-DCA	= 1,1-dichloroethane
1,2-DCA	= 1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	= 1,1-dichloroethene
1,2-DCE	= 1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for Circle K Store 05426 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 9, 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B	TPPH	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	MTBE 8260B	Comments
MW-2														
11/09/05	102.98	10.45	0.00	92.53	0.40	--	840	69	0.91	1.2	1.5	--	14	
MW-6														
11/09/05	104.25	10.52	0.00	93.73	0.93	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
MW-7														
11/09/05	103.82	10.60	0.00	93.22	0.34	--	3500	26	ND<2.5	26	8.7	--	140	
MW-8														
11/09/05	103.20	10.64	0.00	92.56	0.86	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	51	
MW-9														
11/09/05	102.64	8.75	0.00	93.89	0.75	--	890	ND<0.50	ND<0.50	1.4	ND<1.0	--	6.9	
OW														
11/09/05	103.78	9.25	0.00	94.53	1.80	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	IPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2														
10/07/91	--	--	--	--	--	--	--	60	70	18	110	--	--	--
09/01/93	--	--	--	--	--	270	--	65	22	13	40	--	--	--
12/30/95	--	--	--	--	--	1300	--	450	6	20	25	--	--	--
01/29/96	102.99	5.50	--	97.49	--	--	--	--	--	--	--	--	--	--
12/18/96	102.99	8.01	--	94.98	-2.51	1700	--	410	48	73	180	25	--	--
04/17/97	102.99	12.78	--	90.21	-4.77	2100	--	400	34	95	180	ND	--	--
06/20/97	102.98	9.88	--	93.10	2.89	2300	--	550	9	82	110	ND	--	--
09/03/97	102.98	10.92	--	92.06	-1.04	1500	--	490	17	64	100	42	--	--
10/01/97	102.98	11.21	--	91.77	-0.29	--	--	--	--	--	--	--	--	--
12/02/97	102.98	8.11	--	94.87	3.10	2900	--	1100	41	150	270	ND	--	--
09/02/98	102.98	9.65	--	93.33	-1.54	1100	--	260	15.3	37.4	86.2	26.8	--	--
02/04/99	102.98	6.89	--	96.09	2.76	800	--	150	ND	48	25	130	--	--
05/04/99	102.98	7.14	--	95.84	-0.25	1200	--	140	ND	20	14	220	--	--
08/05/99	102.98	10.52	--	92.46	-3.38	720	--	160	ND	28	52	96	--	--
11/18/99	102.98	10.91	--	92.07	-0.39	990	--	330	9.9	46	100	33	--	--
02/18/00	102.98	7.48	--	95.50	3.43	850	--	150	2	11	17	25	--	--
05/18/00	102.98	9.66	--	93.32	-2.18	ND	--	ND	ND	ND	ND	ND	--	--
08/17/00	102.98	11.58	--	91.40	-1.92	4370	--	2000	ND	ND	32.2	ND	--	--
11/14/00	102.98	11.90	--	91.08	-0.32	2100	--	1100	9.1	67	100	46	--	--
02/20/01	102.98	9.25	0.00	93.73	2.65	ND	--	ND	ND	ND	ND	ND	--	--
05/04/01	102.98	10.58	0.00	92.40	-1.33	1100	--	630	3.5	20	27	38	--	--
08/20/01	102.98	12.25	0.00	90.73	-1.67	4100	--	2000	ND<20	28	47	ND<100	--	--
11/19/01	102.98	11.25	0.00	91.73	1.00	2400	--	890	ND<10	21	23	ND<100	--	--
02/19/02	102.98	9.61	0.00	93.37	1.64	160	--	31	ND<0.50	1.5	1.2	7.1	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
05/23/02	102.98	10.67	--	92.31	-1.06	2700	--	970	ND<10	34	33	ND<100	--	
08/21/02	102.98	12.17	--	90.81	-1.50	3000	--	1400	13	18	57	89	--	
11/19/02	102.98	11.28	--	91.70	0.89	490	--	77	ND<5.0	ND<5.0	ND<5.0	13	--	
02/12/03	102.98	9.32	--	93.66	1.96	54	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.5	--	
05/14/03	102.98	9.28	--	93.70	0.04	ND<50	--	0.98	ND<0.50	ND<0.50	ND<0.50	10	--	
08/13/03	102.98	11.58	0.00	91.40	-2.30	--	680	160	4.1	5.7	19	--	30	
11/13/03	102.98	12.10	0.00	90.88	-0.52	--	1100	160	ND<2.5	3.0	ND<5.0	--	420	
02/12/04	102.98	9.64	0.00	93.34	2.46	--	860	280	ND<2.5	9.8	33	--	220	
05/14/04	102.98	10.93	0.00	92.05	-1.29	--	1700	350	3.3	7.9	47	--	390	
08/17/04	102.98	11.89	0.00	91.09	-0.96	--	710	77	1.3	3.5	6.4	--	88	
11/12/04	102.98	10.72	0.00	92.26	1.17	--	1100	200	1.5	14	27	--	92	
02/07/05	102.98	9.36	0.00	93.62	1.36	--	2500	390	4.3	17	100	--	65	
05/10/05	102.98	9.13	0.00	93.85	0.23	--	1600	320	3.7	9.4	32	--	38	
08/22/05	102.98	10.85	0.00	92.13	-1.72	--	1400	190	2.5	2.9	7.0	--	23	
11/09/05	102.98	10.45	0.00	92.53	0.40	--	840	69	0.91	1.2	1.5	--	14	
MW-6														
01/29/96	104.26	6.74	--	97.52	--	300	--	ND	ND	ND	0.6	ND	--	
12/18/96	104.26	8.91	0.00	95.35	-2.17	290	--	9	0.53	ND	ND	46	--	
04/17/97	104.25	9.11	0.00	95.14	-0.21	340	--	ND	ND	ND	4	--		
06/20/97	104.25	10.89	--	93.36	-1.78	230	--	ND	ND	ND	ND	14	--	
09/03/97	104.25	12.27	--	91.98	-1.38	170	--	3.4	ND	ND	ND	13	--	
10/01/97	104.25	12.64	--	91.61	-0.37	--	--	--	--	--	--	--	--	
12/02/97	104.25	8.84	--	95.41	3.80	230	--	5.5	0.96	ND	ND	160	--	
09/02/98	104.25	10.87	--	93.38	-2.03	375	--	ND	ND	ND	ND	32.4	--	

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October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
02/04/99	104.25	7.88	--	96.37	2.99	220	--	3	0.52	ND	ND	83	--	
05/04/99	104.25	7.96	--	96.29	-0.08	180	--	3.4	0.78	ND	2.6	53	--	
08/05/99	104.25	11.47	--	92.78	-3.51	61	--	5.2	0.77	ND	1.7	29	--	
11/18/99	104.25	12.40	--	91.85	-0.93	350	--	7.2	0.54	ND	ND	28	--	
02/18/00	104.25	7.57	--	96.68	4.83	110	--	6.8	ND	ND	ND	29	--	
05/18/00	104.25	10.35	--	93.90	-2.78	136	--	ND	ND	ND	ND	9.35	--	
08/17/00	104.25	12.51	--	91.74	-2.16	ND	--	ND	ND	ND	ND	10.3	--	
11/14/00	104.25	12.96	--	91.29	-0.45	210	--	3.4	ND	ND	0.61	91	--	
02/20/01	104.25	9.11	0.00	95.14	3.85	237	--	1.49	ND	ND	ND	24.9	--	
05/04/01	104.25	11.34	0.00	92.91	-2.23	210	--	18	ND	ND	0.75	24	--	
08/20/01	104.25	12.38	0.00	91.87	-1.04	87	--	1.0	0.57	ND<0.50	2.0	19	--	
11/19/01	104.25	11.88	0.00	92.37	0.50	87	--	10	ND<0.50	ND<0.50	ND<0.50	21	--	
02/19/02	104.25	9.81	0.00	94.44	2.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
05/23/02	104.25	11.31	--	92.94	-1.50	ND<50	--	0.62	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/21/02	104.25	13.39	--	90.86	-2.08	ND<50	--	5.7	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/19/02	104.25	11.67	--	92.58	1.72	ND<1000	--	ND<10	ND<10	ND<10	ND<10	15	--	
02/12/03	104.25	9.81	--	94.44	1.86	80	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.6	--	
05/14/03	104.25	9.37	--	94.88	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
08/13/03	104.25	12.51	0.00	91.74	-3.14	--	91	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.9	
11/13/03	104.25	13.34	0.00	90.91	-0.83	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	68	
02/12/04	104.25	10.07	0.00	94.18	3.27	--	170	0.53	2.8	0.73	3.9	--	26	
05/14/04	104.25	11.62	0.00	92.63	-1.55	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	16	
08/17/04	104.25	12.88	0.00	91.37	-1.26	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
11/12/04	104.25	10.98	0.00	93.27	1.90	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	54	

Table 2
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October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	IPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-6 continued														
02/07/05	104.25	9.60	0.00	94.65	1.38	--	140	ND<0.50	ND<0.50	ND<1.0	--	--	27	
05/10/05	104.25	9.29	0.00	94.96	0.31	--	290	ND<0.50	ND<0.50	ND<1.0	--	--	29	
08/22/05	104.25	11.45	0.00	92.80	-2.16	--	ND>50	ND<0.50	ND<0.50	ND<1.0	--	--	22	
11/09/05	104.25	10.52	0.00	93.73	0.93	--	130	ND<0.50	ND<0.50	ND<1.0	--	--	24	
MW-7														
01/29/96	103.83	6.71	--	97.12	--	8900	--	1800	ND	700	450	1300	--	
12/18/96	103.83	8.88	--	94.95	-2.17	8900	--	1800	22	370	240	6400	--	
04/17/97	103.83	9.06	0.00	94.77	-0.18	ND	--	1700	ND	590	570	25000	29000	
D 04/17/97	103.83	9.06	0.00	94.77	-0.18	ND	--	1800	ND	640	610	28000	--	
06/20/97	103.82	10.56	--	93.26	-1.51	14000	--	2400	ND	440	440	25000	--	
D 06/20/97	103.82	10.56	--	93.26	-1.51	ND	--	2500	ND	490	490	23000	--	
09/03/97	103.82	11.68	--	92.14	-1.12	12000	--	4000	ND	510	260	12000	--	
10/01/97	103.82	11.96	--	91.86	-0.28	--	--	--	--	--	--	--	--	
12/02/97	103.82	8.82	--	95.00	3.14	8900	--	2500	ND	500	320	14000	--	
09/02/98	103.82	10.41	--	93.41	-1.59	ND	--	ND	ND	ND	ND	ND	--	
02/04/99	103.82	7.86	--	95.96	2.55	13000	--	1500	190	710	660	28000	--	
05/04/99	103.82	8.28	--	95.54	-0.42	14000	--	1600	ND	1000	1200	22000	--	
08/05/99	103.82	11.16	--	92.66	-2.88	7800	--	1200	ND	720	610	14000	--	
11/18/99	103.82	11.72	--	92.10	-0.56	8300	--	1400	ND	570	390	12000	--	
02/18/00	103.82	7.68	--	96.14	4.04	7200	--	890	ND	680	590	10000	--	
05/18/00	103.82	10.13	--	93.69	-2.45	5250	--	386	ND	436	239	4710	3950	
08/17/00	103.82	12.07	--	91.75	-1.94	4290	--	309	ND	124	38	3050	--	
11/14/00	103.82	12.59	--	91.23	-0.52	6500	--	690	ND	550	210	3500	--	
02/20/01	103.82	9.64	0.00	94.18	2.95	5760	--	350	ND	190	74	3410	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
05/04/01	103.82	10.93	0.00	92.89	-1.29	4700	--	420	34	510	310	3000	--	
08/20/01	103.82	12.74	0.00	91.08	-1.81	4500	--	320	ND<5.0	70	31	2400	--	
11/19/01	103.82	11.66	0.00	92.16	1.08	4700	--	360	ND<5.0	120	43	2800	--	
02/19/02	103.82	9.51	0.00	94.31	2.15	4700	--	220	ND<5.0	320	170	1600	--	
05/23/02	103.82	10.74	--	93.08	-1.23	3000	--	140	ND<5.0	37	9.7	1000	--	
08/21/02	103.82	12.82	--	91.00	-2.08	3100	--	260	ND<10	210	65	950	--	
11/19/02	103.82	11.15	--	92.67	1.67	4700	--	93	ND<50	89	41	2100	--	
02/12/03	103.82	9.11	--	94.71	2.04	5500	--	170	ND<50	280	160	2900	--	
05/14/03	103.82	9.03	--	94.79	0.08	3600	--	98	ND<5.0	76	26	610	--	
08/13/03	103.82	12.05	0.00	91.77	-3.02	--	3300	72	ND<10	17	ND<20	--	970	
11/13/03	103.82	12.50	0.00	91.32	-0.45	--	4200	140	ND<5.0	84	23	--	550	
02/12/04	103.82	10.26	0.00	93.56	2.24	--	4500	89	ND<5.0	200	70	--	580	
05/14/04	103.82	11.12	0.00	92.70	-0.86	--	5800	77	ND<5.0	90	24	--	700	
08/17/04	103.82	12.39	0.00	91.43	-1.27	--	3200	49	ND<1.0	17	4.8	--	220	
11/12/04	103.82	10.86	0.00	92.96	1.53	--	4000	46	ND<1.0	71	25	--	300	
02/07/05	103.82	9.99	0.00	93.83	0.87	--	4700	57	ND<0.50	63	31	--	250	
05/10/05	103.82	9.82	0.00	94.00	0.17	--	5200	44	ND<0.50	64	25	--	220	
08/22/05	103.82	10.94	0.00	92.88	-1.12	--	3500	36	ND<0.50	13	3.4	--	230	
11/09/05	103.82	10.60	0.00	93.22	0.34	--	3500	26	ND<2.5	26	8.7	--	140	
MW-8														
01/29/96	103.21	5.59	--	97.62	--	ND	--	ND	ND	ND	ND	ND	ND	--
12/18/96	103.21	8.05	--	95.16	-2.46	ND	--	ND	ND	ND	ND	ND	ND	--
04/17/97	103.21	8.81	0.00	94.40	-0.76	ND	--	ND	ND	ND	ND	6	--	
06/20/97	103.20	10.03	--	93.17	-1.23	ND	--	ND	ND	ND	ND	ND	ND	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
09/03/97	103.20	11.18	--	92.02	-1.15	ND	--	ND	ND	ND	ND	13	--	
10/01/97	103.20	11.50	--	91.70	-0.32	--	--	--	--	--	--	--	--	
12/02/97	103.20	8.11	--	95.09	3.39	ND	--	ND	ND	ND	ND	13	--	
09/02/98	103.20	9.86	--	93.34	-1.75	ND	--	ND	ND	ND	ND	1220	--	
02/04/99	103.20	6.82	--	96.38	3.04	ND	--	9.6	ND	ND	ND	1100	--	
05/04/99	103.20	7.08	--	96.12	-0.26	ND	--	ND	ND	ND	ND	1000	--	
08/05/99	103.20	10.64	--	92.56	-3.56	ND	--	ND	ND	ND	ND	790	--	
11/18/99	103.20	11.13	--	92.07	-0.49	ND	--	ND	ND	ND	ND	870	--	
02/18/00	103.20	7.60	--	95.60	3.53	ND	--	ND	ND	ND	ND	580	--	
05/18/00	103.20	9.85	--	93.35	-2.25	ND	--	ND	ND	ND	ND	604	--	
08/17/00	103.20	11.80	--	91.40	-1.95	ND	--	ND	ND	ND	ND	517	--	
11/14/00	103.20	12.06	--	91.14	-0.26	ND	--	ND	ND	ND	ND	360	--	
02/20/01	103.20	9.35	0.00	93.85	2.71	ND	--	ND	ND	ND	ND	264	--	
05/04/01	103.20	10.80	--	92.40	-1.45	ND	--	ND	ND	ND	ND	380	--	
08/20/01	103.20	12.46	0.00	90.74	-1.66	ND<50	--	ND<50	ND<50	ND<50	ND<50	230	--	
11/19/01	103.20	11.45	0.00	91.75	1.01	ND<50	--	ND<50	ND<50	ND<50	ND<50	200	--	
02/19/02	103.20	9.68	0.00	93.52	1.77	ND<50	--	ND<50	ND<50	ND<50	ND<50	130	--	
05/23/02	103.20	10.85	--	92.35	-1.17	ND<50	--	ND<50	ND<50	ND<50	ND<50	130	--	
08/21/02	103.20	12.38	--	90.82	-1.53	ND<50	--	ND<50	ND<50	ND<50	ND<50	130	--	
11/19/02	103.20	11.66	--	91.54	0.72	1.10	--	ND<50	ND<50	ND<50	ND<50	130	--	
02/12/03	103.20	9.67	--	93.53	1.99	68	--	ND<50	ND<50	ND<50	ND<50	140	--	
05/14/03	103.20	9.41	--	93.79	0.26	52	--	ND<50	ND<50	ND<50	ND<50	68	--	
08/13/03	103.20	11.26	0.00	91.94	-1.85	--	83	ND<50	ND<50	ND<50	ND<50	--		
11/13/03	103.20	12.38	0.00	90.82	-1.12	--	99	ND<50	ND<50	ND<50	ND<50	110	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
02/12/04	103.20	9.74	0.00	93.46	2.64	--	53	ND<0.50	1.0	ND<0.50	1.7	--	82	
05/14/04	103.20	11.12	0.00	92.08	-1.38	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	99	
08/17/04	103.20	12.21	0.00	90.99	-1.09	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
11/12/04	103.20	10.94	0.00	92.26	1.27	--	95	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
02/07/05	103.20	9.44	0.00	93.76	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	85	
05/10/05	103.20	--	--	--	--	--	--	--	--	--	--	--	--	Obstruction in well
08/22/05	103.20	11.50	0.00	91.70	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	60	
11/09/05	103.20	10.64	0.00	92.56	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	51	
MW-9														
06/20/97	102.64	9.80	--	92.84	--	5300	--	--	32	ND	370	210	380	--
09/03/97	102.64	--	--	--	--	--	--	--	--	--	--	--	--	
10/01/97	102.64	11.30	--	91.34	--	5200	--	77	41	730	130	390	--	
12/02/97	102.64	8.04	--	94.60	3.26	1700	--	53	ND	110	42	450	--	
09/02/98	102.64	9.38	--	93.26	-1.34	1820	--	ND	ND	ND	ND	5900	--	
02/04/99	102.64	7.73	--	94.91	1.65	1800	--	20	ND	58	40	5700	--	
05/04/99	102.64	7.32	--	95.32	0.41	870	--	15	0.8	36	25	6200	--	
08/05/99	102.64	10.01	--	92.63	-2.69	ND	--	13	ND	27	25	5900	--	
11/18/99	102.64	10.72	--	91.92	-0.71	ND	--	61	ND	ND	18	6400	--	
02/18/00	102.64	6.54	--	96.10	4.18	820	--	29	1.1	39	29	9900	--	
05/18/00	102.64	8.46	--	94.18	-1.92	541	--	ND	ND	11.8	ND	7200	--	
08/17/00	102.64	10.70	--	91.94	-2.24	511	--	27.9	ND	ND	ND	4790	--	
11/14/00	102.64	11.61	--	91.03	-0.91	ND	--	21	ND	ND	ND	6700	--	
02/20/01	102.64	8.30	0.00	94.34	3.31	1360	--	18.7	1.59	25.8	9.08	7150	--	
05/04/01	102.64	9.67	0.00	92.97	-1.37	770	--	35	5.5	27	42	3400	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
08/20/01	102.64	11.61	0.00	91.03	-1.94	450	--	6.0	ND<2.5	ND<2.5	ND<2.5	3500	--	
11/19/01	102.64	10.68	0.00	91.96	0.93	1300	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	5300	--	
02/19/02	102.64	8.81	0.00	93.83	1.87	890	--	ND<5.0	ND<5.0	7.1	ND<5.0	2100	--	
05/23/02	102.64	9.65	--	92.99	-0.84	820	--	32	ND<2.0	4.7	ND<2.0	1200	--	
08/21/02	102.64	11.64	--	91.00	-1.99	290	--	4.4	ND<0.50	ND<0.50	ND<0.50	1100	1900	
11/19/02	102.64	9.65	--	92.99	1.99	2600	--	17	ND<50	ND<50	ND<50	1100	--	
02/12/03	102.64	8.77	--	93.87	0.88	1700	--	73	0.91	140	65	1100	--	
05/14/03	102.64	8.68	--	93.96	0.09	2500	--	66	ND<5.0	51	17	480	--	
08/13/03	102.64	11.63	0.00	91.01	-2.95	--	1400	50	ND<10	11	ND<20	--	660	
11/13/03	102.64	10.71	0.00	91.93	0.92	--	1800	ND<2.5	ND<2.5	9.5	8.3	--	330	
02/12/04	102.64	8.87	0.00	93.77	1.84	--	1400	0.51	3.0	8.6	7.5	--	46	
05/14/04	102.64	9.15	0.00	93.49	-0.28	--	1100	ND<0.50	ND<0.50	5.8	2.3	--	26	
08/17/04	102.64	10.44	0.00	92.20	-1.29	--	960	ND<0.50	ND<0.50	1.1	ND<1.0	--	24	
11/12/04	102.64	9.46	0.00	93.18	0.98	--	1600	ND<0.50	ND<0.50	2.9	ND<1.0	--	14	
02/07/05	102.64	8.12	0.00	94.52	1.34	--	1200	ND<0.50	ND<0.50	2.6	ND<1.0	--	7.0	
05/10/05	102.64	7.67	0.00	94.97	0.45	--	1500	ND<0.50	ND<0.50	2.5	ND<1.0	--	6.8	
08/22/05	102.64	9.50	0.00	93.14	-1.83	--	850	ND<0.50	ND<0.50	0.63	ND<1.0	--	13	
11/09/05	102.64	8.75	0.00	93.89	0.75	--	890	ND<0.50	ND<0.50	1.4	ND<1.0	--	6.9	
OW														
12/30/95	--	--	--	--	--	210	--	8	10	ND	4	--	--	
01/29/96	103.83	6.17	--	97.66	--	--	--	--	--	--	--	--	--	
12/18/96	103.83	8.38	--	95.45	-2.21	--	--	--	--	--	--	--	--	
04/17/97	103.83	--	--	--	--	--	--	--	--	--	--	--	--	
06/20/97	103.78	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through November 2005
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
OW continued														
09/03/97	103.78	11.55	--	92.23	--	ND	--	3.4	ND	ND	ND	5000	--	
10/01/97	103.78	11.83	--	91.95	-0.28	--	--	--	--	--	--	--	--	
12/02/97	103.78	7.30	--	96.48	4.53	ND	--	ND	ND	ND	ND	570	--	
09/02/98	103.78	9.48	--	94.30	-2.18	ND	--	ND	39	ND	ND	2200	--	
02/04/99	103.78	7.18	--	96.60	2.30	ND	--	ND	ND	ND	ND	320	--	
05/04/99	103.78	7.56	--	96.22	-0.38	ND	--	ND	3.1	ND	ND	200	--	
08/05/99	103.78	10.02	--	93.76	-2.46	ND	--	ND	14	ND	ND	610	--	
11/18/99	103.78	10.80	--	92.98	-0.78	ND	--	2.8	4.7	ND	ND	340	--	
02/18/00	103.78	5.68	--	98.10	5.12	ND	--	ND	ND	ND	ND	ND	--	
05/18/00	103.78	9.84	--	93.94	-4.16	164	--	ND	69.2	ND	ND	ND	--	
08/17/00	103.78	10.14	--	93.64	-0.30	374	--	ND	73.0	ND	ND	274	--	
11/14/00	103.78	11.26	--	92.52	-1.12	87	--	2.8	2	ND	1.3	1600	--	
02/20/01	103.78	7.76	0.00	96.02	3.50	ND	--	ND	ND	ND	ND	ND	--	
05/04/01	103.78	9.79	0.00	93.99	-2.03	ND	--	ND	2.3	ND	ND	440	--	
08/20/01	103.78	10.03	0.00	93.75	-0.24	ND<50	--	ND<50	2.8	ND<50	ND<50	100	--	
11/19/01	103.78	9.55	0.00	94.23	0.48	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<5.0	--	
02/19/02	103.78	7.43	0.00	96.35	2.12	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<5.0	--	
05/23/02	103.78	8.74	--	95.04	-1.31	ND<50	--	1.2	ND<50	ND<50	ND<50	ND<5.0	--	
08/21/02	103.78	12.82	--	90.96	-4.08	ND<50	--	ND<50	1.2	ND<50	ND<50	ND<2.5	--	
11/19/02	103.78	11.39	--	92.39	1.43	ND<10000	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	
02/12/03	103.78	9.48	--	94.30	1.91	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
05/14/03	103.78	9.34	--	94.44	0.14	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<2.0	--	
08/13/03	103.78	10.43	0.00	93.35	-1.09	--	82	0.71	ND<50	ND<50	ND<1.0	--	8.6	
11/13/03	103.78	13.60	0.00	90.18	-3.17	--	3700	39	ND<25	ND<25	ND<50	--	5700	

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Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
OW continued														
02/12/04	103.78	10.25	0.00	93.53	3.35	--	1000	57	26	17	33	--	440	
05/14/04	103.78	10.90	0.00	92.88	-0.65	--	1100	48	3.4	8.9	34	--	180	
08/17/04	103.78	12.55	0.00	91.23	-1.65	--	2900	350	100	16	220	--	140	
11/12/04	103.78	9.65	0.00	94.13	2.90	--	290	0.86	ND<0.50	ND<0.50	2.3	--	ND<0.50	
02/07/05	103.78	9.90	0.00	93.88	-0.25	--	1100	93	4.2	5.3	21	--	120	
05/10/05	103.78	10.08	0.00	93.70	-0.18	--	960	63	0.92	1.6	10	--	76	
08/22/05	103.78	11.05	0.00	92.73	-0.97	--	340	6.4	2.8	ND<0.50	ND<1.0	--	16	
11/09/05	103.78	9.25	0.00	94.53	1.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME	TBA	DIPE	ETBE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)							
MW-2														
12/30/95	300	700	--	--	0.013	--	--	--	--	0.11	--	0.11	ND	0.07
12/18/96	260	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/97	590	--	--	--	--	--	--	--	--	--	--	--	--	--
06/20/97	480	--	--	--	--	--	--	--	--	--	--	--	--	--
09/03/97	180	--	--	--	--	--	--	--	--	--	--	--	--	--
12/02/97	350	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/98	343	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	74	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/99	170	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	310	--	--	--	--	--	--	--	--	--	--	--	--	--
11/18/99	340	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/00	380	--	--	--	--	--	--	--	--	--	--	--	--	--
05/18/00	55.6	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/00	522	--	--	--	--	--	--	--	--	--	--	--	--	--
11/14/00	570	--	--	--	--	--	--	--	--	--	--	--	--	--
02/20/01	62.3	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/01	95	--	--	--	--	--	--	--	--	--	--	--	--	--
08/20/01	450	--	--	--	--	--	--	--	--	--	--	--	--	--
05/23/02	360	--	--	--	--	--	--	--	--	--	--	--	--	--
08/21/02	440	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/01	410	--	--	--	--	--	--	--	--	--	--	--	--	--
02/19/02	110	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/03	100	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/03	67	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/03	210	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME	TBA	DIPE	ETBE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	
($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)									
MW-2 continued															
11/13/03	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/04	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/04	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/04	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/12/04	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/07/05	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05/10/05	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/22/05	ND<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/09/05	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6															
01/29/96	69	800	-	-	0.006	-	-	-	-	0.06	-	0.07	ND	0.05	-
12/18/96	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/17/97	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/20/97	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/03/97	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/02/97	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/02/98	126	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/04/99	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05/04/99	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/05/99	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/18/99	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/18/00	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05/18/00	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/00	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/14/00	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/20/01	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME	TBA	DIPE	ETBE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
	($\mu\text{g/l}$)													
MW-6 continued														
05/04/01	62	-	-	-	-	-	-	-	-	-	-	-	-	-
08/20/01	76	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/01	87	-	-	-	-	-	-	-	-	-	-	-	-	-
02/19/02	210	-	-	-	-	-	-	-	-	-	-	-	-	-
05/23/02	220	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/02	130	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/03	110	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/03	94	-	-	-	-	-	-	-	-	-	-	-	-	-
08/13/03	230	-	-	-	-	-	-	-	-	-	-	-	-	-
11/13/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
11/12/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
02/07/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
05/10/05	58	-	-	-	-	-	-	-	-	-	-	-	-	-
08/22/05	ND<200	-	-	-	-	-	-	-	-	-	-	-	-	-
11/09/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7														
01/29/96	3200	4900	-	-	0.004	-	-	-	-	0.04	-	ND	ND	0.03
12/18/96	1000	-	-	-	-	-	-	-	-	-	-	-	-	-
D 04/17/97	3100	-	-	-	-	-	-	-	-	-	-	-	-	-
06/20/97	1900	-	-	-	-	-	-	-	-	-	-	-	-	-
D 06/20/97	2100	-	-	-	-	-	-	-	-	-	-	-	-	-
09/03/97	970	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME 8260B	TBA 8260B	DIPE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	
	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	(mg/l)	(mg/l)							
MW-7 continued														
12/02/97	1200	-	-	-	-	-	-	-	-	-	-	-	-	-
09/02/98	1490	-	-	-	-	-	-	-	-	-	-	-	-	-
02/04/99	1100	-	-	-	-	-	-	-	-	-	-	-	-	-
05/04/99	1700	-	-	-	-	-	-	-	-	-	-	-	-	-
08/05/99	2200	-	-	-	-	-	-	-	-	-	-	-	-	-
11/18/99	1700	-	-	-	-	-	-	-	-	-	-	-	-	-
02/18/00	1200	-	-	-	-	-	-	-	-	-	-	-	-	-
05/18/00	993	-	ND	ND	-	-	ND	ND	ND	-	ND	-	-	-
08/17/00	1080	-	-	-	-	-	-	-	-	-	-	-	-	-
11/14/00	2000	-	-	-	-	-	-	-	-	-	-	-	-	-
02/20/01	752	-	-	-	-	-	-	-	-	-	-	-	-	-
05/04/01	1100	-	-	-	-	-	-	-	-	-	-	-	-	-
08/20/01	480	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/01	420	-	-	-	-	-	-	-	-	-	-	-	-	-
02/19/02	700	-	-	-	-	-	-	-	-	-	-	-	-	-
05/23/02	530	-	-	-	-	-	-	-	-	-	-	-	-	-
08/21/02	1200	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/02	390	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/03	640	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/03	590	-	-	-	-	-	-	-	-	-	-	-	-	-
08/13/03	580	-	-	-	-	-	-	-	-	-	-	-	-	-
11/13/03	450	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/04	520	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/04	570	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/04	180	-	-	-	-	-	-	-	-	-	-	-	-	-
11/12/04	480	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME 8260B	TBA 8260B	DIPE 8260B	Zinc 8260B	Ethanol 8260B	Nickel	Cadmium	Chromium
(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-7 continued													
02/07/05	460	-	-	-	-	-	-	-	-	-	-	-	-
05/10/05	390	-	-	-	-	-	-	-	-	-	-	-	-
08/22/05	240	-	-	-	-	-	-	-	-	-	-	-	-
11/09/05	490	-	-	-	-	-	-	-	-	-	-	-	-
MW-8													
01/29/96	ND	600	-	-	0.005	-	-	-	-	-	0.06	ND	0.05
12/18/96	ND	-	-	-	-	-	-	-	-	-	-	-	-
04/17/97	ND	-	-	-	-	-	-	-	-	-	-	-	-
06/20/97	ND	-	-	-	-	-	-	-	-	-	-	-	-
09/03/97	ND	-	-	-	-	-	-	-	-	-	-	-	-
12/02/97	ND	-	-	-	-	-	-	-	-	-	-	-	-
09/02/98	ND	-	-	-	-	-	-	-	-	-	-	-	-
02/04/99	ND	-	-	-	-	-	-	-	-	-	-	-	-
05/04/99	ND	-	-	-	-	-	-	-	-	-	-	-	-
08/05/99	62	-	-	-	-	-	-	-	-	-	-	-	-
11/18/99	68	-	-	-	-	-	-	-	-	-	-	-	-
02/18/00	ND	-	-	-	-	-	-	-	-	-	-	-	-
05/18/00	60	-	-	-	-	-	-	-	-	-	-	-	-
08/17/00	ND	-	-	-	-	-	-	-	-	-	-	-	-
11/14/00	76	-	-	-	-	-	-	-	-	-	-	-	-
02/20/01	ND	-	-	-	-	-	-	-	-	-	-	-	-
05/04/01	ND	-	-	-	-	-	-	-	-	-	-	-	-
08/20/01	ND<50	-	-	-	-	-	-	-	-	-	-	-	-
11/19/01	ND<51	-	-	-	-	-	-	-	-	-	-	-	-
02/19/02	ND<50	-	-	-	-	-	-	-	-	-	-	-	-
05/23/02	59	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME	TBA	DIPE	ETBE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-8 continued														
08/21/02	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/02	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
08/13/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
11/13/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
11/12/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
02/07/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
08/22/05	ND<200	-	-	-	-	-	-	-	-	-	-	-	-	-
11/09/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-9														
06/20/97	700	-	-	-	-	-	-	-	-	-	-	-	-	-
10/01/97	1100	-	-	-	-	-	-	-	-	-	-	-	-	-
12/02/97	190	-	-	-	-	-	-	-	-	-	-	-	-	-
09/02/98	241	-	-	-	-	-	-	-	-	-	-	-	-	-
02/04/99	150	-	-	-	-	-	-	-	-	-	-	-	-	-
05/04/99	180	-	-	-	-	-	-	-	-	-	-	-	-	-
08/05/99	480	-	-	-	-	-	-	-	-	-	-	-	-	-
11/18/99	360	-	-	-	-	-	-	-	-	-	-	-	-	-
02/18/00	250	-	-	-	-	-	-	-	-	-	-	-	-	-
05/18/00	193	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/00	225	-	-	-	-	-	-	-	-	-	-	-	-	-
11/14/00	230	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-9 continued														
02/20/01	195	-	-	-	-	-	-	-	-	-	-	-	-	-
05/04/01	67	-	-	-	-	-	-	-	-	-	-	-	-	-
08/20/01	140	-	-	-	-	-	-	-	-	-	-	-	-	-
11/19/01	110	-	-	-	-	-	-	-	-	-	-	-	-	-
02/19/02	120	-	-	-	-	-	-	-	-	-	-	-	-	-
05/23/02	150	-	-	-	-	-	-	-	-	-	-	-	-	-
08/21/02	860	-	ND<10	ND<10	-	-	16	ND<100	ND<10	-	ND<2500	-	-	-
11/19/02	120	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/03	430	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/03	400	-	-	-	-	-	-	-	-	-	-	-	-	-
08/13/03	180	-	-	-	-	-	-	-	-	-	-	-	-	-
11/13/03	81	-	-	-	-	-	-	-	-	-	-	-	-	-
02/12/04	150	-	-	-	-	-	-	-	-	-	-	-	-	-
05/14/04	99	-	-	-	-	-	-	-	-	-	-	-	-	-
08/17/04	55	-	-	-	-	-	-	-	-	-	-	-	-	-
11/12/04	61	-	-	-	-	-	-	-	-	-	-	-	-	-
02/07/05	73	-	-	-	-	-	-	-	-	-	-	-	-	-
05/10/05	94	-	-	-	-	-	-	-	-	-	-	-	-	-
08/22/05	ND<200	-	-	-	-	-	-	-	-	-	-	-	-	-
11/09/05	52	-	-	-	-	-	-	-	-	-	-	-	-	-
OW														
12/30/95	ND	5200	-	-	-	-	-	-	-	-	31	-	ND	ND
09/03/97	400	-	-	-	-	-	-	-	-	-	-	-	-	-
12/02/97	500	-	-	-	-	-	-	-	-	-	-	-	-	-
09/02/98	646	-	-	-	-	-	-	-	-	-	-	-	-	-
02/04/99	250	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME	TBA	DIPE	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
OW continued	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	($\mu\text{g/l}$)	(mg/l)	(mg/l)						
05/04/99	1800	-	-	-	-	-	-	-	-	-	-	-	-
08/05/99	2000	-	-	-	-	-	-	-	-	-	-	-	-
11/18/99	2200	-	-	-	-	-	-	-	-	-	-	-	-
02/18/00	840	-	-	-	-	-	-	-	-	-	-	-	-
05/18/00	1500	-	-	-	-	-	-	-	-	-	-	-	-
08/17/00	3170	-	-	-	-	-	-	-	-	-	-	-	-
11/14/00	610	-	-	-	-	-	-	-	-	-	-	-	-
02/20/01	444	-	-	-	-	-	-	-	-	-	-	-	-
05/04/01	410	-	-	-	-	-	-	-	-	-	-	-	-
08/20/01	1600	-	-	-	-	-	-	-	-	-	-	-	-
11/19/01	910	-	-	-	-	-	-	-	-	-	-	-	-
02/19/02	490	-	-	-	-	-	-	-	-	-	-	-	-
05/23/02	120	-	-	-	-	-	-	-	-	-	-	-	-
08/21/02	1400	-	-	-	-	-	-	-	-	-	-	-	-
11/19/02	960	-	-	-	-	-	-	-	-	-	-	-	-
02/12/03	2100	-	-	-	-	-	-	-	-	-	-	-	-
05/14/03	220	-	-	-	-	-	-	-	-	-	-	-	-
08/13/03	60	-	-	-	-	-	-	-	-	-	-	-	-
11/13/03	170	-	-	-	-	-	-	-	-	-	-	-	-
02/12/04	250	-	-	-	-	-	-	-	-	-	-	-	-
05/14/04	150	-	-	-	-	-	-	-	-	-	-	-	-
08/17/04	150	-	-	-	-	-	-	-	-	-	-	-	-
11/12/04	230	-	-	-	-	-	-	-	-	-	-	-	-
02/07/05	150	-	-	-	-	-	-	-	-	-	-	-	-
05/10/05	220	-	-	-	-	-	-	-	-	-	-	-	-
08/22/05	ND<200	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TRPH	EDC	EDB	Lead (Total)	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium
	($\mu\text{g/l}$)													
OW continued	11/09/05	140	--	--	--	--	--	--	--	--	--	--	--	--

COORDINATED EVENT DATA

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
AS-1	11/19/2001	-	102.43	12.41	90.02	30,000	--	9,600	ND<100	470	210	490	--	
	2/19/2002	-	102.43	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2002	-	102.43	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	-	102.43	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	-	102.43	12.30	90.13	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	-	102.43	--	--	--	--	--	--	--	--	--	--	Not sampled
	05/14/2003	-	102.43	--	--	--	--	--	--	--	--	--	--	Not Sampled
	08/13/2003	-	102.43	12.20	90.23	--	--	--	--	--	--	--	--	
	11/13/2003	P	102.43	12.79	89.64	18,000	--	8,100	26	150	41	600	1.2	
	02/12/2004	--	102.43	11.82	90.61	--	--	--	--	--	--	--	--	h, Not Sampled
	05/14/2004	--	102.43	11.35	91.08	--	--	--	--	--	--	--	--	Not Sampled
	08/17/2004	--	102.43	12.27	90.16	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	P	102.43	11.92	90.51	17,000	J	--	6,100	<50	230	75	670 J	0.6
	02/07/2005	--	102.43	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	102.43	11.18	91.25	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	102.43	11.40	91.03	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	P	102.43	11.18	91.25	14,000	--	4,800	<25	180	76	370	0.7	
MW-1A	3/26/1996	--	102.47	6.33	96.14	96,000	--	12,000	ND<125	4,300	9,900	ND<625	--	
	6/26/1996	--	102.47	8.67	93.80	58,000	--	12,000	ND<100	5,900	3,600	ND<500	--	
	9/24/1996	--	102.47	10.14	92.33	54,000	--	11,000	ND<200	4,200	2,200	ND<1,000	--	
	12/15/1996	--	102.47	8.97	93.50	52,000	--	12,000	ND<250	5,100	3,300	ND<1,250	--	
	4/17/1997	NP	102.47	9.97	92.50	46,000	--	10,000	160	5,700	2,500	1,100	--	
	6/20/1997	NP	102.47	9.75	92.72	60,000	--	12,000	ND<100	6,600	2,600	980	--	
	9/4/1997	NP	102.47	10.78	91.69	57,000	--	13,000	ND<200	6,900	4,200	ND<1,200	--	
	12/2/1997	NP	102.47	9.61	92.86	61,000	--	12,000	ND<200	5,300	6,900	1,700	--	
	2/23/1998	NP	102.47	5.14	97.33	63,000	--	13,000	ND<200	5,800	4,000	1,400	--	
	5/29/1998	NP	102.47	8.18	94.29	63,000	--	10,000	ND<200	5,600	3,000	ND<1,200	--	
	9/2/1998	NP	102.47	9.71	92.76	52,000	--	9,900	ND<100	6,300	1,500	2,600	--	
	11/20/1998	NP	102.47	10.58	91.89	69,000	--	11,000	ND<100	5,700	3,400	ND<600	--	
	2/4/1999	NP	102.47	8.75	93.72	52,000	--	10,000	ND<100	5,200	2,200	710	--	
	5/4/1999	NP	102.47	8.12	94.35	42,000	--	11,000	66	6,500	1,200	1,300	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	8/5/1999	NP	102.47	10.41	92.06	37,000	--	8,900	90	5,300	4,500	1,000	--	

Report Date: January 11, 2006

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 134-1
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-1A	11/18/1999	--	102.43	--	11.12	91.35	28,000	--	--	44	7,000	700	--	--
	11/18/1999	NP	102.47	--	93.77	44,000	--	10,000	45	4,300	600	1,000	420	--
	2/18/2000	NP	102.47	8.70	91.98	43,000	--	11,000	70	5,500	920	620	--	--
	6/20/2000	NP	102.47	10.49	90.07	46,000	--	10,000	38	5,700	1,500	630	--	--
	8/17/2000	NP	102.47	12.40	90.54	37,000	--	9,530	ND<125	5,380	975	ND<1,250	--	--
	11/14/2000	NP	102.47	11.93	90.44	37,000a	--	9,060	ND<100	4,770	1,360	1,080	--	--
	2/20/2001	NP	102.47	9.59	92.88	40,500	--	10,300	ND<100	4,770	1,360	ND<1,000	--	--
	5/4/2001	NP	102.47	10.46	92.01	42,700	--	8,800	ND<200	5,000	1,900	ND<100	--	--
	8/20/2001	NP	102.47	12.03	90.92	46,000	--	7,200	64	4,500	1,300	1,100	--	--
	11/19/2001	NP	102.47	11.55	92.52	30,000	--	8,400	ND<100	3,600	1,300	670	--	--
	2/18/2002	NP	102.47	9.95	91.40	44,000	--	10,000	130	6,100	2,100	680	--	--
	6/20/2002	--	102.47	11.07	90.57	24,000	--	7,900	ND<100	4,700	1,200	ND<500	--	--
	8/21/2002	NP	102.47	11.90	91.41	29,000	--	7,500	350	3,100	1,400	2,900 (500) d	--	--
	11/19/2002	NP	102.47	11.06	92.77	19,000	--	6,600	<50	1,800	340	950	--	--
	02/12/2003	NP	102.47	9.51	91.05	39,000	--	6,400	65	2,000	430	670 J	1.3	--
	05/14/2003	NP	102.47	9.70	92.52	18,000	--	5,200	<120	1,200	180	430	1.0 h	--
	08/13/2003	NP	102.47	11.42	91.86	26,000	--	6,500	<250	2,700	280	480	1.0	--
	11/13/2003	NP	102.47	12.09	90.38	19,000	--	7,000	<100	1,200	110	600	0.8	--
	02/12/2004	NP	102.47	9.95	92.72	21,000	--	6,900	<120	2,800	210	430	1.2	--
	05/14/2004	NP	102.47	10.61	91.90	18,000	--	5,000	21	1,100	63	360	0.7	--
	08/17/2004	NP	102.47	11.55	91.93	<25,000	--	5,800	<250	1,400	<250	370	0.9	--
	11/12/2004	NP	102.47	10.85	91.62	1,300	--	6,100 J	<50	1,300	74	530 J	0.1	--
	02/07/2005	NP	102.47	9.76	92.71	18,000 J	--	5,000	21	1,100	63	360	0.7	--
	05/10/2005	NP	102.47	9.75	92.72	30,000 J	--	6,700 J	<250 J	2,000 J	<250 JJ	370 J	0.8	--
	08/22/2005	NP	102.47	10.57	91.90	22,000	--	6,600	62	1,500	110	370	0.4	--
MW-2	3/26/1996	--	101.43	7.31	94.12	390	--	45	ND<0.5	14	3.8	220	--	--
	6/26/1996	--	101.43	8.73	92.70	200	--	ND<0.5	ND<0.5	ND<0.5	290	--	--	--
	9/24/1996	--	101.43	9.81	91.62	830	--	ND<5.0	6.1	6.6	640	--	--	--
	12/15/1996	--	101.43	8.68	92.75	580	--	ND<2.5	7.5	6.5	820	--	--	--
	4/17/1997	NP	101.43	9.18	92.25	290	--	12	0.79	0.8	0.72	260	--	--
	6/20/1997	NP	101.43	9.61	91.82	360	--	ND<2	ND<2	ND<2	360	--	--	--
	9/4/1997	NP	101.43	10.63	90.80	510	--	7	ND<5	8	ND<5	740 (770)d	--	--

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-2	12/22/1997	NP	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	2/23/1998	NP	101.43	5.19	96.24	420	--	24	1.6	18	17	800	--	
	5/29/1998	NP	101.43	8.03	93.40	ND<500	--	28	ND<5	7.3	5.8	1,000	--	
	9/22/1998	NP	101.43	9.80	91.63	ND<2,000	--	37	ND<20	ND<20	ND<20	1,900	--	
	11/20/1998	NP	101.43	10.10	91.33	ND<1,000	--	ND<10	ND<10	ND<10	ND<10	1,600	--	
	2/4/1999	--	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	5/4/1999	NP	101.43	8.15	93.28	140	--	0.7	ND<0.5	ND<0.5	ND<0.5	91	--	
	8/5/1999	NP	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	11/18/1999	NP	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	2/18/2000	NP	101.43	7.82	93.61	660	--	4.2	1.2	9.7	9.5	330	--	
	6/20/2000	NP	101.43	9.93	91.50	460	--	25	0.6	4.5	10	590	--	
	8/17/2000	NP	101.43	11.80	89.63	850	--	9.4	ND<0.5	4.4	12	960	--	
	11/14/2000	NP	101.43	11.24	90.19	538	--	10.1	ND<1	1.22	3.13	1,090	--	
	2/20/2001	NP	101.43	8.90	92.53	431	--	3.92	ND<0.5	5.74	6.22	990	--	
	5/4/2001	NP	101.43	9.90	91.53	734	--	9.77	ND<2.5	13.1	8.12	1,220	--	
	8/20/2001	NP	101.43	11.27	90.16	540a	--	1.9	1.9	1	ND<1.0	690	--	
	11/19/2001	NP	101.43	10.96	90.47	3,000	--	8	ND<5.0	22	9	1,500	--	
	2/19/2002	NP	101.43	9.11	92.32	840	--	25	1.5	10	8.1	610	--	
	6/20/2002	--	101.43	10.10	91.33	1,300	--	51	1.1	6.5	3.1	610	--	
	8/21/2002	NP	101.43	11.06	90.37	2,300	--	51	ND<5	ND<5	6	670	--	
	11/19/2002	NP	101.43	10.59	90.84	8,300	--	1,500	38	640	180	840	--	
	02/12/2003	NP	101.43	8.96	92.47	<5,000	--	<50	<50	<50	<50	490	--	
	05/14/2003	NP	101.43	9.14	92.29	930	--	12 J	<1.0	5.7	2.6	600 J	0.9	
	08/13/2003	NP	101.43	10.35	91.08	3,100	--	30	<25	<25	<25	700	0.7	
	11/13/2003	NP	101.43	12.47	88.96	4,800	--	56	<25	31	<25	540	1.5	
	02/12/2004	NP	101.43	9.22	92.21	1,500	--	<50	<50	<50	<50	220	1.0	h
	05/14/2004	NP	101.43	9.93	91.50	1,600	--	<50	<50	<50	<50	220	1.0	
	08/17/2004	NP	101.43	10.60	90.83	2,700	--	<25	<25	<25	<25	260	1.8	
	11/12/2004	NP	101.43	10.23	91.20	3,800	--	12	<12	18	<12	180	0.2	
	02/07/2005	NP	101.43	9.25	92.18	1,800 J	--	7.5	<5.0	11	6.9	78	0.6	
	05/10/2005	NP	101.43	9.11	92.32	760	--	14	<2.5	12	6.8	120	0.7	
	08/22/2005	NP	101.43	9.85	91.58	3,000 J	--	22 J	<2.5 J	31 J	19 J	110 J	1.3	
	11/09/2005	NP	101.43	9.86	91.57	2,900	--	24	<2.5	12	7.4	78	0.9	

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water Level Elevation (feet bgs)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-3	3/26/1996	--	102.72	6.51	96.21	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<0.5	920	--
	6/26/1996	--	102.72	8.58	94.14	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	84	--
9/24/1996	--	102.72	10.61	92.11	ND<50	--	ND>0.5	ND>0.5	ND>0.5	ND>0.5	3.4	--	
12/15/1996	--	102.72	8.58	94.14	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
4/17/1997	NP	102.72	9.02	93.70	ND<50	--	ND<0.5	3.4	ND<0.5	ND<0.5	ND<2.5	--	
6/20/1997	NP	102.72	10.12	92.60	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
9/4/1997	NP	102.72	11.43	91.29	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--	
12/2/1997	NP	102.72	9.21	93.51	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
2/23/1998	NP	102.72	4.40	98.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
5/29/1998	NP	102.72	7.55	95.17	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
9/2/1998	NP	102.72	9.90	92.82	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
11/2/1998	NP	102.72	10.45	92.27	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
2/4/1999	NP	102.72	7.64	95.08	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
5/4/1999	NP	102.72	7.75	94.97	ND<50	--	ND<0.5	2.8	ND<0.5	ND<0.5	ND<3	--	
8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	--
8/5/1999	NP	102.72	11.17	91.55	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--
11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	--
11/18/1999	NP	102.72	11.38	91.34	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	--
2/18/2000	NP	102.72	8.70	94.02	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	--
6/20/2000	NP	102.72	11.00	91.72	ND<50	--	ND<0.5	1.2	ND<0.5	ND<1	ND<3	--	--
8/17/2000	NP	102.72	12.60	90.12	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	6	--	--
11/14/2000	NP	102.72	12.11	90.61	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
2/20/2001	NP	102.72	9.85	92.87	ND<50	--	ND<0.5	1.02	ND<0.5	ND<0.5	ND<2.5	--	--
5/4/2001	NP	102.72	10.76	91.96	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	--
8/20/2001	NP	102.72	12.25	90.47	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	15	--	--
11/19/2001	NP	102.72	11.81	90.91	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	30	--	--
2/19/2002	NP	102.72	10.24	92.48	ND<50	--	ND<0.50	0.74	ND<0.50	1.1	ND<0.50	--	--
6/20/2002	--	102.72	11.40	91.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--
8/21/2002	NP	102.72	12.06	90.66	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	76	--	--
11/19/2002	NP	102.72	11.56	91.16	ND<50	--	5.5	ND<0.5	2.4	ND<0.5	32	--	--
2/21/2003	NP	102.72	10.07	92.65	<50	--	<0.50	<0.50	<0.50	<0.50	0.66	--	--
05/14/2003	NP	102.72	9.88	92.84	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	--
08/13/2003	NP	102.72	11.75	90.97	66	--	<2.5	<2.5	<2.5	<2.5	83	1.2	--

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-3	11/13/2003	NP	102.72	12.55	90.17	100 R	--	<5.0	<5.0	<5.0	<5.0	230	1.6	
	02/12/2004	NP	102.72	10.23	92.49	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	h
	05/14/2004	NP	102.72	11.02	91.70	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	
	08/17/2004	NP	102.72	11.85	90.87	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	
	11/12/2004	NP	102.72	11.13	91.59	<50 UJ	--	<0.50	<0.50	<0.50	<0.50	<0.50	30	2.1
	02/07/2005	NP	102.72	9.93	92.79	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	120 J	2.5
	05/10/2005	NP	102.72	9.65	93.07	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	1.0
	08/22/2005	NP	102.72	11.00	91.72	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50	0.8
	11/09/2005	NP	102.72	10.81	91.91	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	46	0.4
MW-4	3/28/1996	--	101.59	8.27	93.32	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	101.59	9.68	91.91	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	101.59	11.22	90.37	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	101.59	9.92	91.67	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	101.59	9.36	92.23	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	101.59	9.75	91.84	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	Not sampled
	9/4/1997	--	101.59	10.69	90.90	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	101.59	9.17	92.42	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	101.59	5.88	95.71	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	32	--
	5/29/1998	--	101.59	8.35	93.24	ND<500	--	ND<5	ND<5	ND<5	ND<5	ND<5	310	--
	9/2/1998	--	101.59	9.47	92.12	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	101.59	10.29	91.30	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	101.59	8.40	93.19	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	101.59	8.63	92.96	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,600	--
	8/5/1999	--	101.59	11.60	89.99	4,400	--	1,100	ND<25	37	35	110	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	--	101.59	10.52	91.07	ND<50	--	0.6	ND<0.5	ND<0.5	ND<1	140	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	3/21/2000	--	101.59	8.08f	--	71	--	ND<0.5	ND<0.5	ND<1	ND<3	--	--	
	6/20/2000	--	101.59	9.87	91.72	ND<50	--	ND<0.5	0.6	ND<0.5	ND<1	61(71)d	--	
	8/17/2000	9	101.59	NM	NM	--	NS	NS	NS	NS	NS	NS	--	Not sampled
	11/14/2000	NP	101.59	11.37	90.22	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	15.8	--
	2/20/2001	NP	101.59	8.76	92.83	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	194	--
	5/4/2001	NP	101.59	9.86	91.73	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	

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Table 1

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8505 Gravestine Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-4	8/20/2001	NP	101.59	11.30	90.29	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19	--	
	11/19/2001	NP	101.59	11.00	90.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	88	--	
	2/19/2002	NP	101.59	9.29	92.30	110	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	230	--	
	6/20/2002	--	101.59	10.52	91.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	
	8/21/2002	NP	101.59	11.23	90.36	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	
	11/19/2002	NP	101.59	10.39	91.20	ND<50	--	0.52	ND<0.5	ND<0.5	ND<0.5	8.5	--	
	02/12/2003	NP	101.59	8.34	93.25	240	--	<0.50	<0.50	<0.50	<0.50	220	--	
	05/14/2003	NP	101.59	9.27	92.32	200	--	<0.50	<0.50	<0.50	<0.50	700 J	0.9	
	08/13/2003	NP	101.59	10.80	90.79	<50	--	<0.50	<0.50	<0.50	<0.50	1.2	2.1	
	11/13/2003	NP	101.59	11.37	90.22	<50	--	<0.50	<0.50	<0.50	<0.50	12	3.1	
	02/12/2004	NP	101.59	9.30	92.29	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.4 h	
	05/14/2004	NP	101.59	9.93	91.66	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	
	08/17/2004	NP	101.59	10.90	90.69	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	11	1.4
	11/12/2004	NP	101.59	9.85	91.74	<50 JJ	--	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	0.81 J	2.6	
	02/07/2005	NP	101.59	9.28	92.31	<50	--	<0.50	<0.50	<0.50	<0.50	3.1	0.8	
	05/10/2005	NP	101.59	8.97	92.62	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	
	08/22/2005	NP	101.59	9.78	91.81	<50 JJ	--	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	2.0	
	11/09/2005	NP	101.59	9.75	91.84	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	
MW-5	3/26/1996	--	101.8	8.24	93.56	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	101.8	9.62	92.18	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	101.8	11.16	90.64	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	101.8	9.86	91.94	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	101.8	9.27	92.53	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	101.8	9.70	92.10	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	26	--	
	9/4/1997	--	101.8	10.38	91.42	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	101.8	NM	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	101.8	5.66	96.14	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/29/1998	--	101.8	8.12	93.68	ND<500	--	ND<5	ND<5	ND<5	ND<5	430	--	
	9/2/1998	--	101.8	9.35	92.45	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	101.8	10.04	91.76	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	101.8	8.28	93.52	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	101.8	8.46	93.34	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4,800	--	
	8/5/1999	--	101.8	10.08	91.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled

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Table 1

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8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Water Level Elevation (feet msl)	Depth to Water (feet bgs)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethylbenzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MME ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-5	11/18/1999	--	101.8	10.06	91.74	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/18/2000	--	101.8	7.90	93.90	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2000	--	101.8	9.73	92.07	ND<50	--	ND<0.5	1	ND<0.5	ND<1	860	--	
	8/17/2000	--	101.8	11.60	90.20	NS	--	NS	NS	NS	NS	NS	--	
	11/14/2000	--	101.8	11.08	90.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/20/2001	--	101.8	8.52	93.28	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/2001	NP	101.8	9.76	92.04	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1,850	--	
	8/20/2001	--	101.8	11.08	90.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2001	--	101.8	10.51	91.29	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/19/2002	--	101.8	9.08	92.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2002	--	101.8	10.15	91.65	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	--
	8/21/2002	NP	101.8	10.93	90.87	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	NP	101.8	--	--	--	--	--	--	--	--	--	--	Not sampled
	2/12/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	5/14/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	8/13/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	11/13/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	2/12/2004	--	101.80	9.18	92.62	--	--	--	--	--	--	--	--	Well Inaccessible
	5/14/2004	NP	101.80	9.73	92.07	100	--	<10	<10	<10	<10	370	1.8	h
	8/17/2004	--	101.80	11.12	90.68	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	101.80	9.50	92.30	--	--	--	--	--	--	--	--	Not Sampled
	2/07/2005	--	101.80	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	NP	101.80	8.78	93.02	<500	--	<5.0	<5.0	<5.0	<5.0	320	0.4	Not Sampled
	08/22/2005	--	101.80	9.55	92.25	--	--	--	--	--	--	--	--	Not sampled
	11/09/2005	--	101.80	9.55	92.25	--	--	--	--	--	--	--	--	Not scheduled to be sampled
MW-6	3/26/1996	--	103.53	8.16	95.37	3,900	--	750	ND<5.0	50	23	170	--	
	6/26/1996	--	103.53	9.89	93.64	5,000	--	1,500	ND<20	39	ND<20	260	--	
	9/24/1996	--	103.53	11.43	92.10	1,900	--	170	3.7	28	12	120	--	
	12/15/1996	--	103.53	9.66	93.87	970	--	180	ND<2.5	12	ND<2.5	43	--	
	4/17/1997	NP	103.53	10.12	93.41	2,500	--	420	10	71	35	130	--	
	6/20/1997	NP	103.53	11.09	92.44	2,400	--	330	ND<5	26	13	66	--	
	9/4/1997	NP	103.53	12.00	91.53	2,100	--	320	ND<5	7	7	94	--	

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPPh ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-6	12/2/1997	NP	103.53	10.05	93.48	1,800	--	360	6	19	7	63	--	
	2/23/1998	NP	103.53	6.21	97.32	400	--	31	2.1	2	2.7	ND<0.5	--	
5/25/1998	NP	103.53	8.95	94.58	940	--	61	2	5.7	3.9	59	--		
9/2/1998	NP	103.53	10.85	92.68	1,500	--	170	5	3	10	96	--		
11/20/1998	NP	103.53	11.55	91.98	1,900	--	270	3	ND<2.5	4	88	--		
2/4/1999	NP	103.53	9.13	94.40	1,500	--	190	3.4	14	10	110	--		
5/4/1999	NP	103.53	9.29	94.24	2,800	--	400	ND<5	57	28	140	--		
8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--		
8/5/1999	NP	103.53	10.10	93.43	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	420	--	
11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--		
11/18/1999	NP	103.53	11.80	91.73	2,600	--	400	7.2	4.9	11	23	--		
2/18/2000	NP	103.53	8.44	95.09	530	--	80	0.7	2.2	2	ND<3	--		
6/20/2000	NP	103.53	11.41	92.12	490	--	70	1.2	2.4	2.4	840	--		
8/17/2000	NP	103.53	13.38	90.15	2,200	--	440	2.9	6.3	7.8	440	--		
11/14/2000	NP	103.53	12.85	90.68	2,950	--	746	ND<10	ND<10	ND<10	1,970(1,880)d	--		
2/20/2001	NP	103.53	10.22	93.31	602	--	60	0.522	1.11	0.892	3,530(3,550)d	--		
5/4/2001	NP	103.53	11.49	92.04	361	--	11.6	ND<0.5	0.776	ND<0.5	9,220(6,680)d	--		
8/20/2001	NP	103.53	12.97	90.56	1,400b	--	50	ND<5.0	ND<5.0	ND<5.0	ND<5.0	9,100(c8.8)d	--	
11/19/2001	NP	103.53	12.21	91.32	590	--	24	0.81	2.2	1.5	500	--		
2/19/2002	NP	103.53	10.74	92.79	140	--	ND<0.50	0.56	0.58	0.77	170	--		
6/20/2002	--	103.53	12.05	91.48	680	--	170	1.2	14	2.3	520	--		
8/21/2002	NP	103.53	12.78	90.75	88	--	1.9	ND<0.5	1.4	ND<0.5	ND<2.5	--		
11/19/2002	NP	103.53	11.46	92.07	ND<1,000	--	98	ND<10	28	11	ND<50	--		
02/12/2003	NP	103.53	9.55	93.98	<500	--	<5.0	<5.0	<5.0	<5.0	<5.0	--		
05/14/2003	NP	103.53	10.35	93.18	200	--	2.6 J	<0.50	0.51	44 J	44 J	1.2		
08/13/2003	NP	103.53	12.37	91.16	240	--	<2.5	<2.5	<2.5	<2.5	21	1.0		
11/13/2003	NP	103.53	13.08	90.45	180	--	16	<2.5	<2.5	<2.5	12	1.1		
02/12/2004	NP	103.53	10.72	92.81	190	--	1.8	<0.50	0.94	<0.50	3.9	1.2 h		
05/14/2004	NP	103.53	11.52	92.01	150	--	<2.5	<2.5	<2.5	<2.5	9.8	1.1		
08/17/2004	NP	103.53	12.12	91.41	110	--	5.5	<0.50	1.6	1.1	6.4	1.3		
11/12/2004	NP	103.53	11.39	92.14	380 J	--	8.1	<2.5	<2.5	<2.5	31 J	0.4		
02/07/2005	NP	103.53	10.52	93.01	340 J	--	5.0	<0.50	7.0	1.4	4.1	0.6		
05/10/2005	NP	103.53	10.63	92.90	72	--	0.83	<0.50	<0.50	<0.50	2.4	1.4		

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-6	08/22/2005	NP	103.53	11.43	92.10	780 J	--	13 J	0.72 J	1.4 J	2.7 J	11 J	0.8	
	11/09/2005	NP	103.53	11.13	92.40	900	--	7.6	0.91	1.4	2.5	17	0.2	
MW-7	3/26/1996	--	103.46	7.88	95.58	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	103.46	9.80	93.66	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	103.46	11.71	91.75	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	103.46	9.98	93.48	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	103.46	10.10	93.36	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	103.46	11.15	92.31	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--
	9/4/1997	--	103.46	12.21	91.25	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	103.46	10.76	92.70	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	103.46	5.63	97.83	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/29/1998	--	103.46	8.90	94.56	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--
	9/2/1998	--	103.46	11.00	92.46	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	103.46	11.63	91.83	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	103.46	9.05	94.41	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	103.46	9.05	94.41	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--
	8/5/1999	--	103.46	12.01	91.45	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/18/1999	--	103.46	12.52	90.94	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/18/2000	--	103.46	9.86	93.60	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2000	--	103.46	12.05	91.41	ND<50	--	ND<0.5	1	ND<0.5	ND<1	120	--	Not sampled
	8/17/2000	--	103.46	13.78	89.68	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/14/2000	--	103.46	13.10	90.36	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/20/2001	--	103.46	11.12	92.34	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/2001	NP	103.46	12.00	91.46	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	189	--	
	8/20/2001	--	103.46	13.20	90.26	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2001	--	103.46	12.91	90.55	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/19/2002	--	103.46	11.43	92.03	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2002	--	103.46	12.43	91.03	81	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	480	--	
	8/21/2002	NP	103.46	13.07	90.39	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	NP	103.46	12.81	90.65	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	NP	103.46	11.23	92.23	--	--	--	--	--	--	--	--	Not sampled
	05/14/2003	NP	103.46	11.11	92.35	450	--	<1.0	<1.0	<1.0	<1.0	1,100	1.0	
	08/13/2003	--	103.46	12.71	90.75	--	--	--	--	--	--	--	--	

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-7	02/12/2004	--	103.46	11.39	92.07	--	--	--	<12	<12	--	--	--	--
	05/14/2004	NP	103.46	12.14	91.32	170	--	--	--	--	530	1.2		h
	08/17/2004	--	103.46	12.96	90.50	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	103.46	12.47	90.99	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	103.46	--	--	--	--	--	--	--	--	--	--	Not sampled
	05/10/2005	NP	103.46	11.11	92.35	120	--	<1.0	<1.0	<1.0	140	0.8		
	08/22/2005	--	103.46	12.22	91.24	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	--	103.46	12.00	91.46	--	--	--	--	--	--	--	--	Not scheduled to be sampled
MW-8														
	3/26/1996	--	100.70	6.69	94.01	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	6/26/1996	--	100.70	8.16	92.54	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	9/24/1996	--	100.70	9.50	91.20	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	12/15/1996	--	100.70	8.44	92.26	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	4/17/1997	--	100.70	8.21	92.49	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	6/20/1997	--	100.70	9.02	91.68	ND<60	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/4/1997	--	100.70	9.96	90.74	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	12/21/1997	--	100.70	8.85	91.85	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	2/23/1998	--	100.70	5.64	95.06	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	5/29/1998	--	100.70	7.51	93.19	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/2/1998	--	100.70	8.81	91.89	120	--	1.1	ND<0.5	3.3	ND<0.5	ND<2.5	--	
	12/1/1998	--	100.70	9.40	91.30	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	2/4/1999	--	100.70	7.90	92.80	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	5/4/1999	--	100.70	7.62	93.08	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	8/5/1999	--	100.70	9.60	91.10	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	--	100.70	10.08	90.62	ND<50	--	ND<0.5	ND<0.5	ND<1	120	--	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	2/18/2000	--	100.70	8.04	92.66	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	310	--	
	6/20/2000	--	100.70	9.35	91.35	ND<50	--	ND<0.5	0.7	ND<0.5	ND<1	560	--	
	8/17/2000	--	100.70	11.18	89.52	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	320	--	
	11/14/2000	NP	100.70	10.68	90.02	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	273	--	
	2/20/2001	NP	100.70	9.32	91.38	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	122	--	
	5/4/2001	NP	100.70	9.32	91.38	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	199	--	

Table 1

Groundwater Elevation and Analytical Data
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8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-8	8/20/2001	NP	100.70	10.66	90.04	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	140	--	
	11/19/2001	NP	100.70	10.46	90.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	360	--	
2/19/2002	NP	100.70	8.86	91.84	70	--	ND<0.50	1.1	ND<0.50	ND<0.50	1.5	98	--	
6/20/2002	--	100.70	9.90	90.80	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1,700	--		
8/21/2002	NP	100.70	10.50	90.20	1,200	--	ND<10	ND<10	ND<10	ND<10	13	1,300	--	
11/19/2002	NP	100.70	10.19	90.51	1,100	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1,700	--	
02/12/2003	NP	100.70	8.71	91.99	<5,000	--	<50	<50	<50	<50	<50	2,300	--	
05/14/2003	NP	100.70	8.61	92.09	1,800	--	<5.0	<5.0	<5.0	<5.0	<5.0	4,900	J 0.8	
08/13/2003	NP	100.70	10.15	90.55	1,600	--	<50	63	<50	130	<50	4,700	1.5	
11/13/2003	NP	100.70	11.32	89.38	1,500 R	--	<50	<50	<50	<50	<50	3,900	1.2	
02/12/2004	NP	100.70	8.76	91.94	450	--	<12	<12	<12	<12	<12	800	0.9 h	
05/14/2004	NP	100.70	9.45	91.25	120	--	<12	<12	<12	<12	<12	250	1.1	
08/17/2004	NP	100.70	10.38	90.32	51	--	<0.50	<0.50	<0.50	<0.50	<0.50	33	2.1	
11/12/2004	NP	100.70	9.79	90.91	<50 UJ	--	<0.50	<0.50	<0.50	<0.50	<0.50	<50 UJ	0.6	
02/07/2005	NP	100.70	8.75	91.95	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	9.7	1.1	
05/10/2005	NP	100.70	8.71	91.99	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	10	1.3	
08/22/2005	NP	100.70	9.36	91.34	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	2.4 J	1.4	
11/09/2005	NP	100.70	9.65	91.05	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	0.9	
MW-9	3/26/1996	--	101.6	8.42	93.18	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	101.6	9.49	92.11	NS	--	NS	NS	NS	NS	NS	--	Not sampled
9/24/1996	--	101.6	10.74	90.86	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
12/15/1996	--	101.6	9.44	92.16	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
4/17/1997	--	101.6	9.61	91.99	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
6/20/1997	--	101.6	10.22	91.38	ND>50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	58	--	
9/4/1997	--	101.6	11.19	90.41	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
12/21/1997	--	101.6	9.95	91.65	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
2/23/1998	--	101.6	6.50	95.10	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
5/29/1998	--	101.6	8.89	92.71	ND<500	--	ND<5	ND<5	ND<5	ND<5	ND<5	150	--	
9/2/1998	--	101.6	9.98	91.62	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
11/20/1998	--	101.6	10.84	90.76	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
2/4/1999	--	101.6	8.88	92.72	NS	--	NS	NS	NS	NS	NS	NS	--	Not sampled
5/4/1999	--	101.6	9.01	92.59	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	220	--	
8/5/1999	--	101.6	10.75	90.85	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	280	--	

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Table 1

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8505 Gravestine Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethy-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-9	8/5/1999	--	102.43	--	--	--	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	440	--
	11/18/1999	--	101.6	11.30	90.30	ND<50	--	--	--	--	--	--	--	--
	11/18/1999	--	102.43	--	--	--	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	440	--
	3/21/2000	--	101.6	8.50f	93.10	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<3	--
	6/20/2000	--	101.6	10.51	91.09	ND<50	--	ND<0.5	0.9	ND<0.5	ND<1	ND<1	370(39)d	--
	8/17/2000	--	101.6	12.35	89.25	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	320(36)d	--
	11/14/2000	NP	101.6	11.79	89.81	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	297	--
	2/20/2001	NP	101.6	9.42	92.18	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	137	--
	5/4/2001	NP	101.6	10.37	91.23	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	126	--
	8/20/2001	NP	101.6	11.71	89.89	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	150	--
	11/19/2001	NP	101.6	11.60	90.00	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	150	--
	2/19/2002	NP	101.6	9.95	91.65	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	31	--
	6/20/2002	--	101.6	11.00	90.60	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	70	--
	8/21/2002	NP	101.6	11.55	90.05	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	63	--
	11/19/2002	NP	101.6	11.45	90.15	69	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	100	--
	02/12/2003	NP	101.60	9.93	91.67	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	--
	05/14/2003	NP	101.60	9.73	91.87	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	4.4 J	1.3
	08/13/2003	NP	101.60	11.25	90.35	<50	--	<1.0	<1.0	<1.0	<1.0	<1.0	42	2.3
	11/13/2003	NP	101.60	12.48	89.12	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	49	1.7
	02/12/2004	NP	101.60	9.83	91.77	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	39 J	0.7
	05/14/2004	NP	101.60	10.58	91.02	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	8.0	1.8 h
	08/17/2004	NP	101.60	11.52	90.08	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	21	1.2
	11/12/2004	NP	101.60	11.08	90.52	<50 JJ	--	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	17	2.2
	02/07/2005	NP	101.60	9.85	91.75	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	0.8
	05/10/2005	NP	101.60	9.82	91.78	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	0.9
	08/22/2005	NP	101.60	10.42	91.18	<50 JJ	--	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	<0.50 JJ	1.4 J	1.8
	08/25/2005	P	101.60	20.98	80.62	--	--	--	--	--	--	--	--	1.5
	11/09/2005	NP	101.60	10.91	90.69	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	12	0.6
MW-10	3/26/1996	--	102.43	9.11	93.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8	--
	6/26/1996	--	102.43	11.09	91.34	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--
	9/24/1996	--	102.43	13.03	89.40	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--
	12/15/1996	--	102.43	12.64	89.79	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4	--
	4/17/1997	--	102.43	10.17	92.26	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--

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Table 1

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ARCO Service Station No. 1341
8505 Gravestine Highway, Cottati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethy-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-10	6/20/1997	--	102.43	11.85	90.58	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--
	9/4/1997	--	102.43	13.65	88.78	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5	--
	12/2/1997	--	102.43	12.24	90.19	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5	--
	2/23/1998	--	102.43	8.20	94.23	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1	--
	5/26/1998	--	102.43	9.06	93.37	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9	--
	9/21/1998	--	102.43	11.15	91.28	ND<50	--	0.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4	--
	11/20/1998	--	102.43	12.04	90.39	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--
	2/4/1999	--	102.43	10.63	91.80	ND<50	--	0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13	--
	5/4/1999	--	102.43	9.75	92.68	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.5	--
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	7	--
	8/5/1999	--	102.43	11.89	90.54	ND<50	--	3.2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.9	--
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	12	--
	11/18/1999	--	102.43	13.03	89.40	ND<50	--	1.8	0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	--
	2/18/2000	--	102.43	10.28	92.15	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	--
	6/20/2000	--	102.43	12.70	89.73	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	29	--
	8/17/2000	--	102.43	14.63	87.80	ND<50	--	0.7	ND<0.5	ND<0.5	ND<0.5	ND<0.5	37	--
	11/14/2000	--	102.43	14.25	88.18	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.3	--
	2/20/2001	--	102.43	11.87	90.56	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	42.8	--
	5/4/2001	--	102.43	12.55	89.88	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.56	--
	8/20/2001	--	102.43	14.24	88.19	130	--	11	6.6	1.3	12	12	16.6	--
	11/19/2001	--	102.43	14.10	88.33	ND<50	--	0.57	0.89	ND<0.50	ND<0.50	ND<0.50	1.3	--
	2/19/2002	--	102.43	11.93	90.50	ND<50	--	ND<0.50	0.91	ND<0.50	ND<0.50	ND<0.50	1.7	--
	6/20/2002	--	102.43	13.13	89.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	63	--
	8/21/2002	P	102.43	13.88	88.55	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	49	--
	11/19/2002	P	102.43	14.04	88.39	58	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	79	--
	02/12/2003	P	102.43	11.79	90.64	130	--	<0.50	<0.50	<0.50	<0.50	<0.50	88	--
	05/14/2003	P	102.43	11.86	90.57	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	78J	3.0
	08/13/2003	P	102.43	13.52	88.91	55	--	<1.2	<1.2	<1.2	<1.2	<1.2	82	4.7
	11/13/2003	P	102.43	14.43	88.00	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	1.6
	02/12/2004	P	102.43	12.49	89.94	51	--	<0.50	<0.50	<0.50	<0.50	<0.50	77	4.6
	05/14/2004	P	102.43	12.32	90.11	<50	--	<2.5	<2.5	<2.5	<2.5	<2.5	64	3.8
	08/17/2004	P	102.43	13.46	88.97	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	20	2.5
	11/12/2004	P	102.43	13.33	89.10	<50 UJ	--	<0.50	<0.50	<0.50	<0.50	<0.50	87J	3.4

Table 1

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ARCO Service Station No. 1341
8505 Gravestein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MIBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
MW-10	02/07/2005	P	102.43	12.75	89.68	<50	--	<2.5	<2.5	<2.5	<2.5	44	3.1	
	05/10/2005	P	102.43	12.00	90.43	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	
	08/22/2005	P	102.43	12.37	90.06	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	2.9 J	0.9	
	11/09/2005	P	102.43	12.52	89.91	70	--	<0.50	<0.50	<0.50	<0.50	52	0.9	
SV-1	11/19/2001	--	--	13.43	--	130	--	13	ND<0.50	ND<0.50	0.85	1,100	--	
	2/19/2002	NP	--	11.37	--	1,300	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2,300	--	
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	13.30	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.75	--	--	--	--	--	--	--	--	--	
	11/13/2003	P	--	14.05	--	240	--	<2.5	<2.5	<2.5	<2.5	2.5	1.1	
	02/12/2004	--	--	11.27	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	12.25	--	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	13.12	--	--	--	--	--	--	--	--	--	
	11/12/2004	NP	--	12.81	--	160 J	--	<0.50	<0.50	<0.50	<0.50	<50 UJ	0.2	
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.77	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	12.50	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	12.61	--	<500	--	<5.0	<5.0	<5.0	<5.0	19	0.5	
SV-2	11/19/2001	--	--	13.22	--	23,000	--	5,500	ND<50	1,000	180	6,900	--	
	2/19/2002	NP	--	11.20	--	10,000	--	2,000	ND<25	590	340	4,300	--	
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	13.33	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.50	--	--	--	--	--	--	--	--	--	
	11/13/2003	P	--	14.13	--	14,000	--	3,400 J	<100	190	<100	9,800	1.3	
	02/12/2004	--	--	11.22	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	11.82	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravestine Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
SV-2	08/17/2004	--	--	12.79	--	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	NP	--	12.64	--	7,000	--	3,200	<50	66	<50	480	0.1	
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.93	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	11.90	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	12.22	--	9,900	--	2,600	<25	88	35	150	0.4	
SV-3	11/19/2001	--	--	12.21	--	83	--	8.2	ND<0.50	ND<0.50	ND<0.50	1,400	--	
	2/19/2002	NP	--	10.77	--	30,000	--	24	0.57	ND<0.50	1.1	2,200	--	
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	11.99	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled
	08/13/2003	--	--	12.18	--	--	--	--	--	--	--	--	--	
	11/13/2003	P	--	12.71	--	80	--	<2.5	<2.5	<2.5	<2.5	<2.5	9.8	0.3
	02/12/2004	--	--	10.60	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	11.56	--	--	--	--	--	--	--	--	--	
	08/7/2004	--	--	12.51	--	--	--	--	--	--	--	--	--	
	11/12/2004	NP	--	11.61	--	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	12 J	0.2
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.36	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	11.80	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	11.52	--	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	5.5	0.7
SV-4	11/19/2001	--	--	12.40	--	NS	--	NS	NS	NS	NS	NS	--	0.04 ft free product present, Not sampled
	2/19/2002	--	--	10.75	--	NS	--	NS	NS	NS	NS	NS	--	Sheen, Not sampled
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	11.89	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.52	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P NP	TOC Elevation (feet msl)	Depth to Water Water Elevation (feet bgs)	Water Level Elevation (feet msl)	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl- benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	DO (mg/L)	Comments
SV-4	11/13/2003	P	--	13.66	--	50,000	--	8,400	<100	5,400	17,000	--	1,500	1.2
	02/12/2004	--	--	10.62	--	--	--	--	--	--	--	--	--	--
	05/14/2004	--	--	11.68	--	--	--	--	--	--	--	--	--	--
	08/17/2004	--	--	12.62	--	--	--	--	--	--	--	--	--	--
	11/12/2004	NP	--	11.69	--	36,000	J	8,100	J	<100	3,400	J	3,400	J
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	0.2
	05/10/2005	--	--	10.43	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	11.83	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	11.45	--	31,000	--	3,700	<25	2,100	1,900	620	620	0.4

Table 1

Groundwater Elevation and Analytical Data
ARCO Service Station No. 1341
8505 Gravestein Highway, Cotati, CA

TPH = Total petroleum hydrocarbons
MTBE = Methyl tertiary butyl ether
 $\mu\text{g/L}$ = Micrograms per liter
P = Purge
NP = No Purge
MSL = Mean Sea Level
TOC = Top of Casing
NS = Not sampled

a = Chromatogram Pattern: Unidentified Hydrocarbons C6-C11
b = Chromatogram Pattern: Weathered Gasoline C6-C12 + Unidentified Hydrocarbons C6-C12
c = This result is from a second dilution of the sample.
d = Confirmed by using EPA Method 8260

e = Depth to water measured 1/12/98.

f = Depth to water measured 2/18/00.

g = Well could not be opened.

h = Analyzed by gasoline range organics (GRO) beginning first quarter 2004 (method 8015B)

Data Qualifier Definitions:

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample i.e., the presence or absence of the analyte cannot be verified) or the analyte identification has been rejected (i.e., the presence of the analyte cannot be verified).

Source: The data within this table collected prior to August 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2

Fuel Oxygenates Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	EBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	Comments
AS-1	02/12/2003	--	--	--	--	--	--	--	--	Not Sampled
	05/14/2003	--	--	--	--	--	--	--	--	Not Sampled
	08/13/2003	--	--	--	--	--	--	--	--	Not Sampled
	11/13/2003	<50,000	<10,000	600	<50	<50	<50	<25	<25	
	02/12/2004	--	--	--	--	--	--	--	--	Not Sampled
	05/14/2004	--	--	--	--	--	--	--	--	Not Sampled
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<10,000	<10,000	670 J	<100	<100	<100	<50	<50	
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	--	--	--	--	--	--	--	--	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<5,000	<1,000	370	<25	<25	26	<25	<25	
MW-1A	02/12/2003	<4,000	<2,000	950	<50	<50	<50	<50	<50	--
	05/14/2003	<50,000	<10,000	670 J	<500	<500	<500	<500	<500	--
	08/13/2003	<50,000	<10,000	840	<500	<500	<500	<250	<250	
	11/13/2003	<20,000	<4,000	600	<200	<200	<200	<100	<100	
	02/12/2004	<25,000	<5,000	430	<250	<250	<250	<120	<120	
	05/14/2004	<50,000	<10,000	480	<500	<500	<500	<250	<250	
	08/17/2004	<25,000	<5,000	430	<250	<250	<250	<120	<120	
	11/12/2004	<10,000	<10,000	530 J	<100	<100	<100	<50	<50	
	02/07/2005	<1,000	480	360	<10	<10	<10	<5.0	<5.0	
	05/10/2005	<50,000	<10,000	370	<250	<250	<250	<250	<250	
	08/22/2005	<50,000	<10,000	370 J	<250 JJ	<250 JJ	<250 JJ	<250 JJ	<250 JJ	
	11/09/2005	<10,000	<2,000	370	<50	<50	<50	<50	<50	
	02/12/2003	<4,000	<2,000	490	<50	<50	<50	<50	<50	
	05/14/2003	<5,000	<1,000	600 J	<50	<50	<50	<50	<50	
	08/13/2003	<5,000	<1,000	700	<50	<50	<50	<25	<25	
	11/13/2003	<5,000	<1,000	540	<50	<50	<50	<25	<25	
	02/12/2004	<1,000	560	220	<10	<10	<10	<5.0	<5.0	
	05/14/2004	<10,000	<2,000	220	<100	<100	<100	<50	<50	
	08/17/2004	<5,000	<1,000	260	<50	<50	<50	<25	<25	
	11/12/2004	<2,500	87,000 J	180	<25	<25	<25	<12	<12	
	02/07/2005	<1,000	910	78	<10	<10	<10	<5.0	<5.0	

Table 2

Fuel Oxygenates Analytical Data
 ARCO Service Station No. 1341
 8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	EBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	Comments
MW-2	05/10/2005	<500	370	120	<2.5	<2.5	<2.5	<2.5	<2.5	
	08/22/2005	<500 UJ	510 J	110 J	<2.5 UJ	<2.5 UJ	3.6 J	<2.5 UJ	<2.5 UJ	
	11/09/2005	<500	530	78	<2.5	<2.5	4.1	<2.5	<2.5	
MW-3	02/12/2003	<40	<20	0.66	<0.50	<0.50	<0.50	<0.50	<0.50	--
	05/14/2003	<100 UJ	<20 UJ	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	--
	08/13/2003	<500	<100	83	<5.0	<5.0	<5.0	<5.0	<5.0	<2.5
	11/13/2003	<1,000	<200	230	<10	<10	<10	<10	<10	<5.0
	02/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	05/14/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	08/17/2004	<100	<20	30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	11/12/2004	<100	<200 UJ	120 J	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	02/07/2005	<100	<20	<0.50	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	05/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	08/22/2005	<100 UJ	<20 UJ	23 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
	11/09/2005	<100	<20	46	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-4	02/12/2003	<40	<20	220	<0.50	<0.50	<0.50	1.1	--	--
	05/14/2003	<2,000 UJ	<400 UJ	700 J	<20	<20	<20	<20	<20	--
	08/13/2003	<100	<20	1.2	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/13/2003	<100	<20	12	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/14/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	08/17/2004	<100	<20	11	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100 UJ	<20 UJ	0.81 J	<1.0 UJ	<1.0 UJ	<1.0 UJ	<0.50 UJ	<0.50 UJ	
	02/07/2005	<100	<20	3.1	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	02/12/2003	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	08/13/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	11/13/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	02/12/2004	--	--	--	--	--	--	--	--	Well Inaccessible
	05/14/2004	<2,000	<400	370	<20	<20	<20	<10	<10	
	11/09/2005	--	--	--	--	--	--	--	--	

Report Date: January 11, 2006

Table 2

Fuel Oxygenates Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	EBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	Comments
MW-5	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	<1,000 UJ	<200	320	<5.0	<5.0	<5.0	<5.0	<5.0	
	08/22/2005	--	--	--	--	--	--	--	--	Not sampled
	11/09/2005	--	--	--	--	--	--	--	--	Not scheduled to be sampled
MW-6	02/12/2003	<400	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
	05/14/2003	<1,000 UJ	1,000 J	44 J	<10	<10	<10	<10	<10	--
	08/13/2003	<500	<100	21	<5.0	<5.0	<5.0	<5.0	<5.0	<2.5
	11/13/2003	<500	<100	12	<5.0	<5.0	<5.0	<5.0	<5.0	<2.5
	02/12/2004	<100	<20	3.9	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	05/14/2004	<500	<100	9.8	<5.0	<5.0	<5.0	<5.0	<5.0	<2.5
	08/17/2004	<100	<20	6.4	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	11/12/2004	<500	<100 UJ	31 J	<5.0	<5.0	<5.0	<5.0	<5.0	<2.5
	02/07/2005	<100	<20	4.1	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	05/10/2005	<100 UJ	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	08/22/2005	<100 UJ	<20 UJ	11 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
	11/09/2005	<100	<20	17	<0.50	<0.50	1.3	<0.50	<0.50	<0.50
MW-7	02/12/2003	--	--	--	--	--	--	--	--	--
	05/14/2003	<10,000 UJ	<4,000	1,100	<100	<100	<100	<100	<100	--
	08/13/2003	--	--	--	--	--	--	--	--	--
	02/12/2004	--	--	--	--	--	--	--	--	--
	05/14/2004	<2,500	<500	530	<25	<25	<25	<25	<12	<12
	08/17/2004	--	--	--	--	--	--	--	--	--
	11/12/2004	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	<200 UJ	<40	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	--	--	--	--	--	--	--	--	Not scheduled to be sampled
MW-8	02/12/2003	<4,000	<2,000	2,300	<50	<50	<50	<50	<50	--
	05/14/2003	<10,000 UJ	<2,000 UJ	4,900 J	<100	<100	<100	<100	<100	--
	08/13/2003	<10,000	<2,000	4,700	<100	<100	<100	<100	<100	<50
	11/13/2003	<10,000	<2,000	3,900	<100	<100	<100	<100	<100	<50

Table 2

Fuel Oxygenates Analytical Data
 ARCO Service Station No. 1341
 8505 Gravestein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	EtBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	Comments
MW-8	02/12/2004	<2,500	2,200	800	<25	<25	<25	<12	<12	
	05/14/2004	<2,500	2,800	250	<25	<25	<25	<12	<12	
	08/17/2004	<100	3,500	33	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100	1,800 J	<50 UJ	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/07/2005	<100	<20	9.7	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100 UJ	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	2.4 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9	02/12/2003	<40	<20	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/14/2003	<100 UJ	<20 UJ	4.4 J	<1.0	<1.0	<1.0	<1.0	<1.0	
	08/13/2003	<200	<40	42	15	<2.0	<2.0	<1.0	<1.0	
	11/13/2003	<100	<20	49	6.4	<1.0	<1.0	<0.50	<0.50	
	02/12/2004	<100	<20	8.0	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/14/2004	<100	<20	21	11	<1.0	<1.0	<0.50	<0.50	
	08/17/2004	<100	<20	17	23	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100 UJ	<20 UJ	39 J	25 J	<1.0 UJ	<1.0 UJ	<0.50 UJ	<0.50 UJ	
	02/07/2005	<100	<20	2.5	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100 UJ	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	1.4 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	08/25/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<100	<20	12	18	<0.50	<0.50	<0.50	<0.50	
MW-10	02/12/2003	<40	45	88	<0.50	<0.50	2.3	--	--	
	05/14/2003	<200 UJ	<40 UJ	78 J	<2.0 UJ	<2.0 UJ	<2.0 UJ	--	--	
	08/13/2003	<250	<50	82	<2.5	<2.5	<2.5	<1.2	<1.2	
	11/13/2003	<100	<20	4.6	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/12/2004	<100	40	77	<1.0	<1.0	1.8	<0.50	<0.50	
	05/14/2004	<500	<100	64	<5.0	<5.0	<5.0	<2.5	<2.5	
	08/17/2004	<100	<20	20	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100	48 J	87 J	<1.0	<1.0	1.9	<0.50	<0.50	
	02/07/2005	<500	<100	44	<5.0	<5.0	<5.0	<2.5	<2.5	
	05/10/2005	<100 UJ	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	2.9 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	88	52	<0.50	<0.50	1.9	<0.50	<0.50	

Report Date: January 11, 2006

Table 2

Fuel Oxygenates Analytical Data
 ARCO Service Station No. 1341
 8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	EIBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	Comments
SV-1	02/12/2003	--	--	--	--	--	--	--	--	--
	05/14/2003	--	--	--	--	--	--	--	--	--
	08/13/2003	--	--	--	--	--	--	--	--	--
	11/13/2003	<500	9,300	96	<5.0	<5.0	<5.0	<2.5	<2.5	--
	02/12/2004	--	--	--	--	--	--	--	--	--
	05/14/2004	--	--	--	--	--	--	--	--	--
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<100	16,000 J	<50 UJ	1.0	<1.0	1.4	<0.50	<0.50	--
	02/07/2005	--	--	--	--	--	--	--	--	--
	05/10/2005	--	--	--	--	--	--	--	--	--
	08/22/2005	--	--	--	--	--	--	--	--	--
	11/09/2005	<1,000	9,300	19	<5.0	<5.0	9.6	<5.0	<5.0	<5.0
SV-2	02/12/2003	--	--	--	--	--	--	--	--	--
	05/14/2003	--	--	--	--	--	--	--	--	--
	08/13/2003	--	--	--	--	--	--	--	--	--
	11/13/2003	<20,000	<4,000	9,800	<200	<200	200	<100	<100	--
	02/12/2004	--	--	--	--	--	--	--	--	--
	05/14/2004	--	--	--	--	--	--	--	--	--
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<10,000	8,700	480	<100	<100	<100	<50	<50	--
	02/07/2005	--	--	--	--	--	--	--	--	--
	05/10/2005	--	--	--	--	--	--	--	--	--
	08/22/2005	--	--	--	--	--	--	--	--	--
	11/09/2005	<5,000	8,600	150	<25	<25	27	<25	<25	<25
SV-3	02/12/2003	--	--	--	--	--	--	--	--	--
	05/14/2003	--	--	--	--	--	--	--	--	--
	08/13/2003	--	--	--	--	--	--	--	--	--
	11/13/2003	<500	2,100	9.8	<5.0	<5.0	<5.0	<2.5	<2.5	--
	02/12/2004	--	--	--	--	--	--	--	--	--
	05/14/2004	--	--	--	--	--	--	--	--	--
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<100	650 J	12 J	<1.0	<1.0	<1.0	<0.50	<0.50	--
	02/07/2005	--	--	--	--	--	--	--	--	--

Table 2

Fuel Oxygenates Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	MtBE ($\mu\text{g/L}$)	DIP ^E ($\mu\text{g/L}$)	EtBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	Comments
SV-3	05/10/2005	--	--	--	--	--	--	--	--	--
	08/22/2005	--	--	--	--	--	--	--	--	--
	11/09/2005	<100	650	5.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SV-4	02/12/2003	--	--	--	--	--	--	--	--	--
	05/14/2003	--	--	--	--	--	--	--	--	--
	08/13/2003	--	--	--	--	--	--	--	--	--
	11/13/2003	<20,000	<4,000	1,500	<200	<200	<200	<200	<100	<100
	02/12/2004	--	--	--	--	--	--	--	--	--
	05/14/2004	--	--	--	--	--	--	--	--	--
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<20,000	<4,000	1,100 J	<200	<200	<200	<200	<100	<100
	02/07/2005	--	--	--	--	--	--	--	--	--
	05/10/2005	--	--	--	--	--	--	--	--	--
	08/22/2005	--	--	--	--	--	--	--	--	--
	11/09/2005	<5,000	<1,000	620	<25	<25	<25	<25	<25	<25

Table 2

Fuel Oxygenates Analytical Data
ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

NOTES:

All fuel oxygenate compounds analyzed using EPA Method 8260B

DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
NA = Data not available, not analyzed, or not applicable
< = Less than laboratory reporting limit
NS = Not Sampled
TAME = tert-Amyl methyl ether
 $\mu\text{g/L}$ = micrograms per liter
TBA = tert-Butyl alcohol

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Cotati Quadrangle

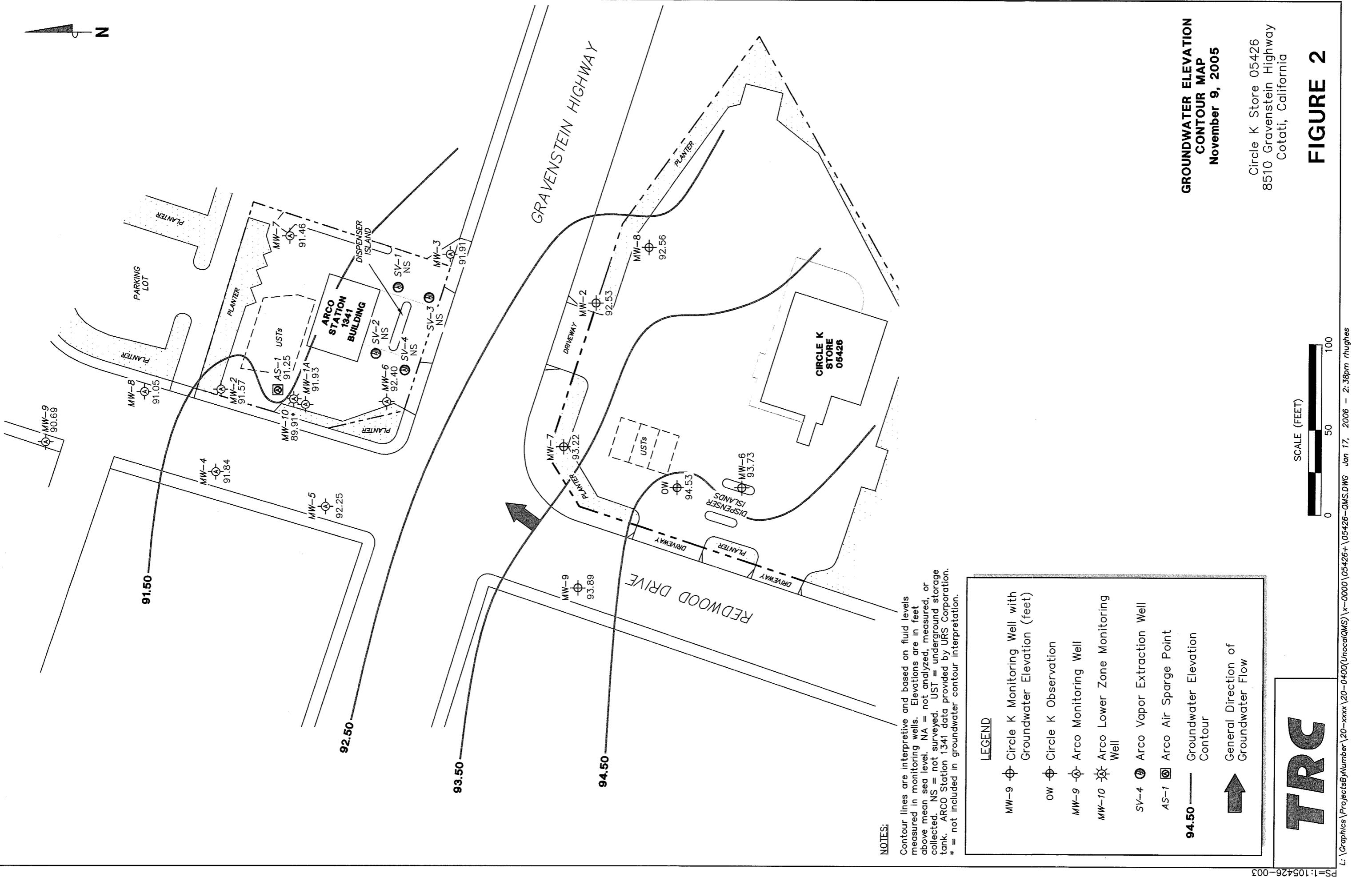
QUADRANGLE
LOCATION

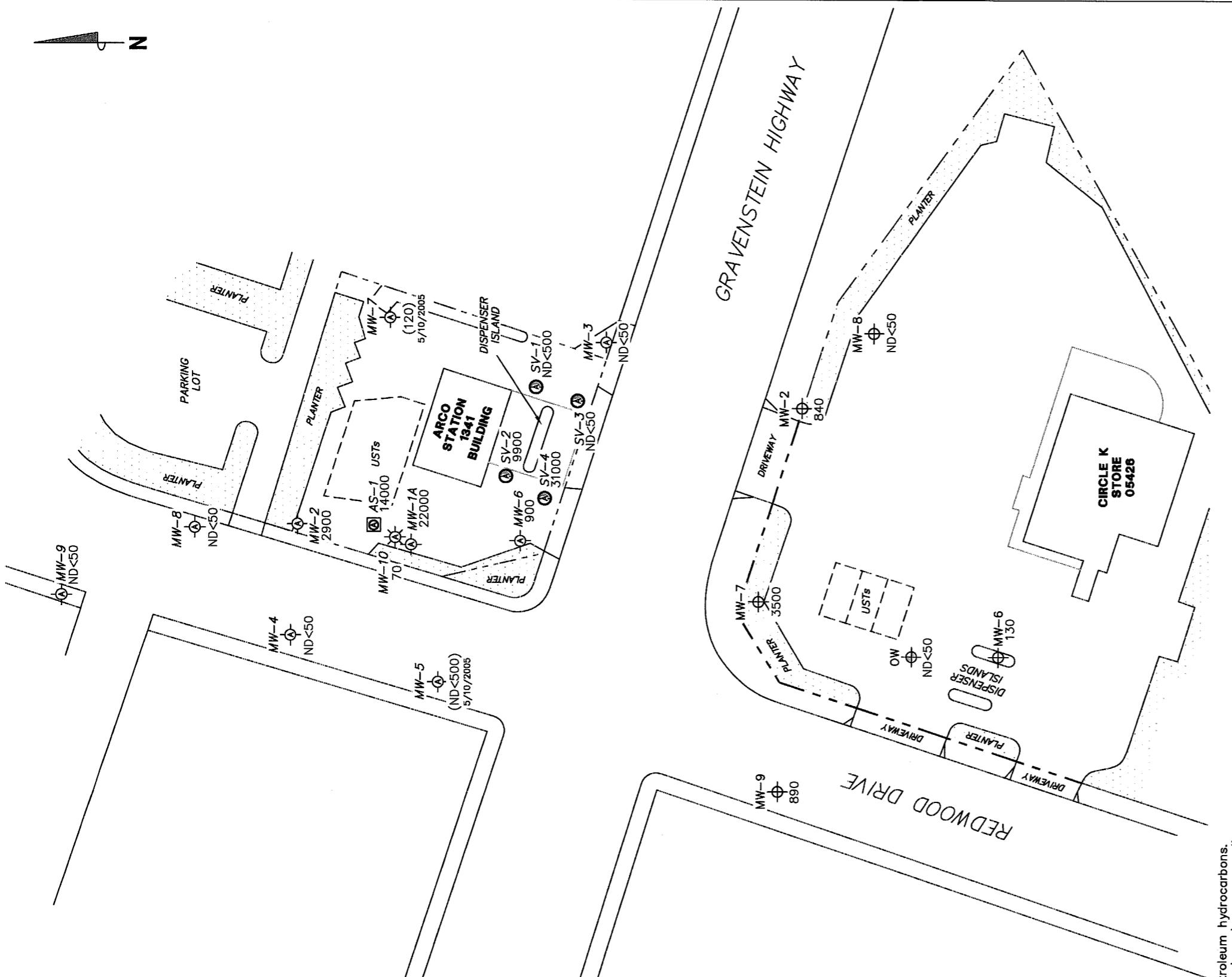
VICINITY MAP

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

TRC

FIGURE 1





NOTES:

TPPH = total purgeable petroleum hydrocarbons.
 TPH-G = total petroleum hydrocarbons as gasoline.
 µg/l = micrograms per liter. ND = not detected
 at limit indicated on official laboratory report.
 UST = underground storage tank. () = representative
 of historical value. ARCO Station 1341 data provided
 by URS Corporation; TPH-G results obtained using
 EPA Method 8015; TPPH results obtained using
 EPA Method 8260B.

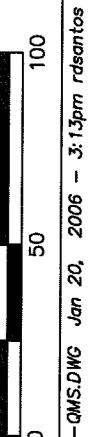
LEGEND

- MW-9 ⬤ Circle Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)
- OW ⬤ Circle K Observation Well
- MW-9 ⬤ Arco Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)
- MW-10 ⬤ Arco Lower Zone Monitoring Well
- SV-4 ⬤ Arco Vapor Extraction Well
- AS-1 ⬤ Arco Air Sparge Point

DISSOLVED-PHASE TPPH CONCENTRATION MAP
November 9, 2005

Circle K Store 05426
 8510 Gravenstein Highway
 Cotati, California

FIGURE 3



SCALE (FEET)

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TRC

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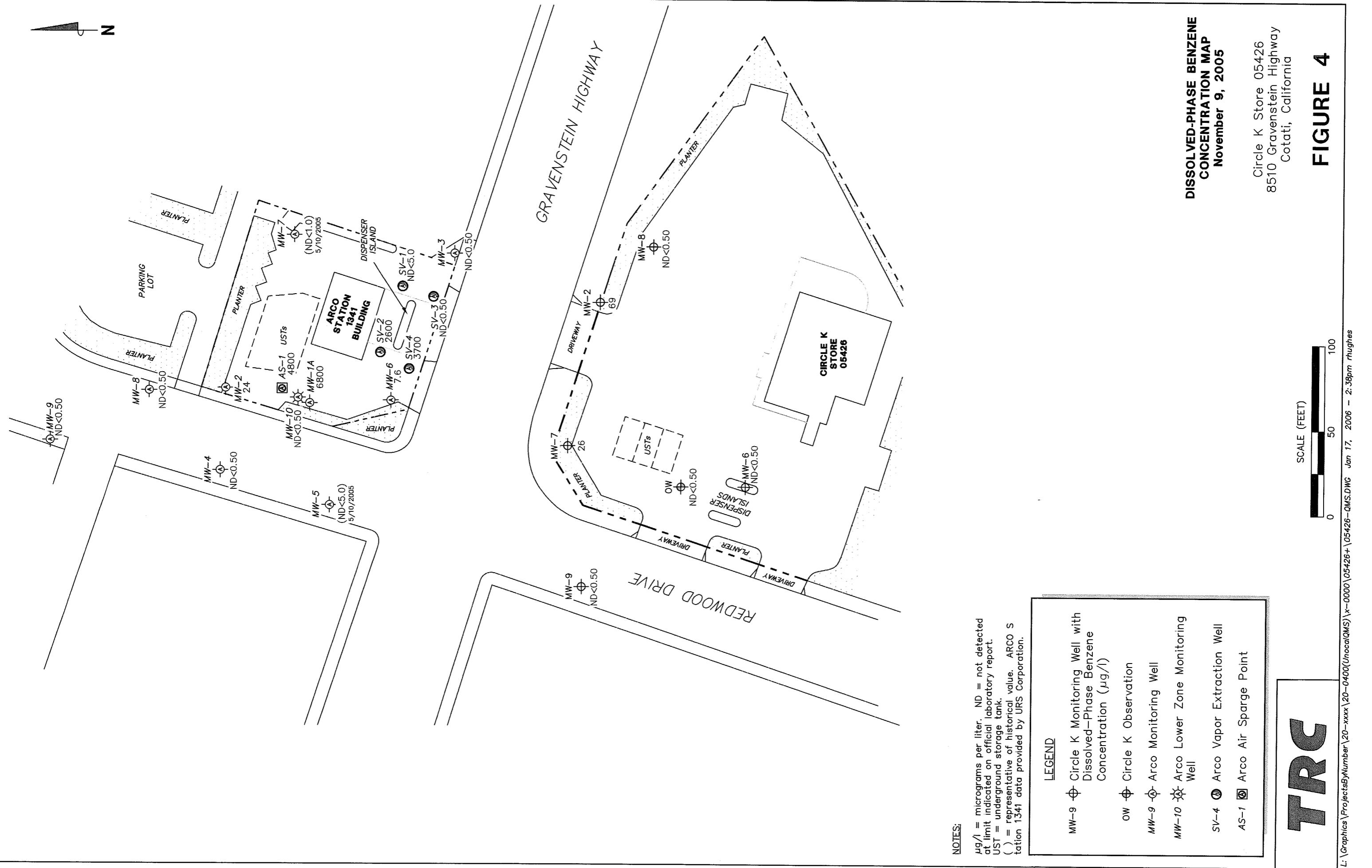
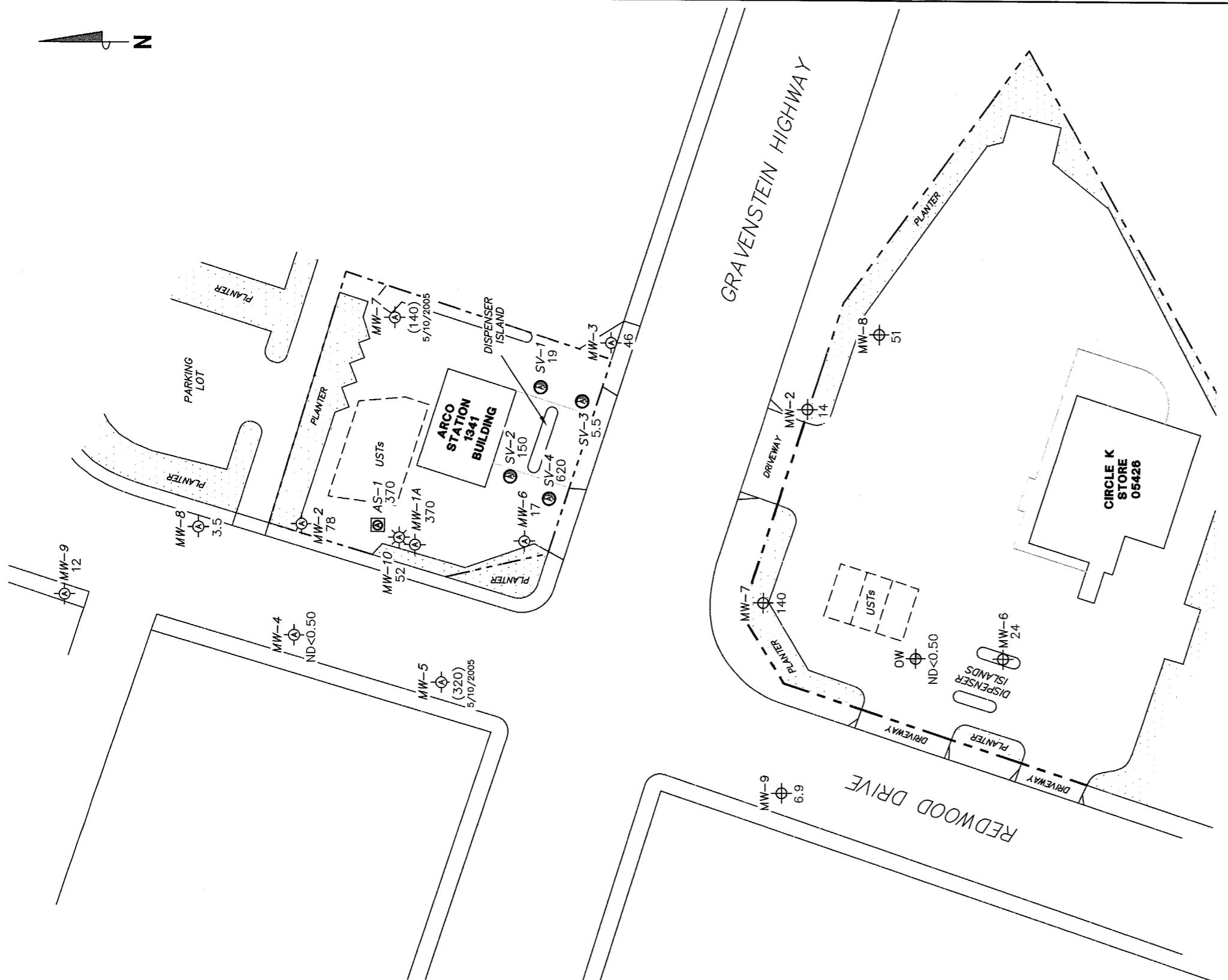


FIGURE 4



NOTES:

MTBE = methyl tertiary butyl ether.
 $\mu\text{g/l}$ = micrograms per liter. ND = not detected
 at limit indicated on official laboratory report.
 UST = underground storage tank. () = representative
 of historical value. ARCO Station 1341 data provided by
 URS Corporation. Results obtained using EPA Method
 8260B.

LEGEND

- MW-9 Circle K Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)
- OW Circle K Observation
- MW-9 Arco Monitoring Well
- MW-10 Arco Lower Zone Monitoring Well
- SV-4 Arco Vapor Extraction Well
- AS-1 Arco Air Sparge Point

TRC

SCALE (FEET)
0 50 100

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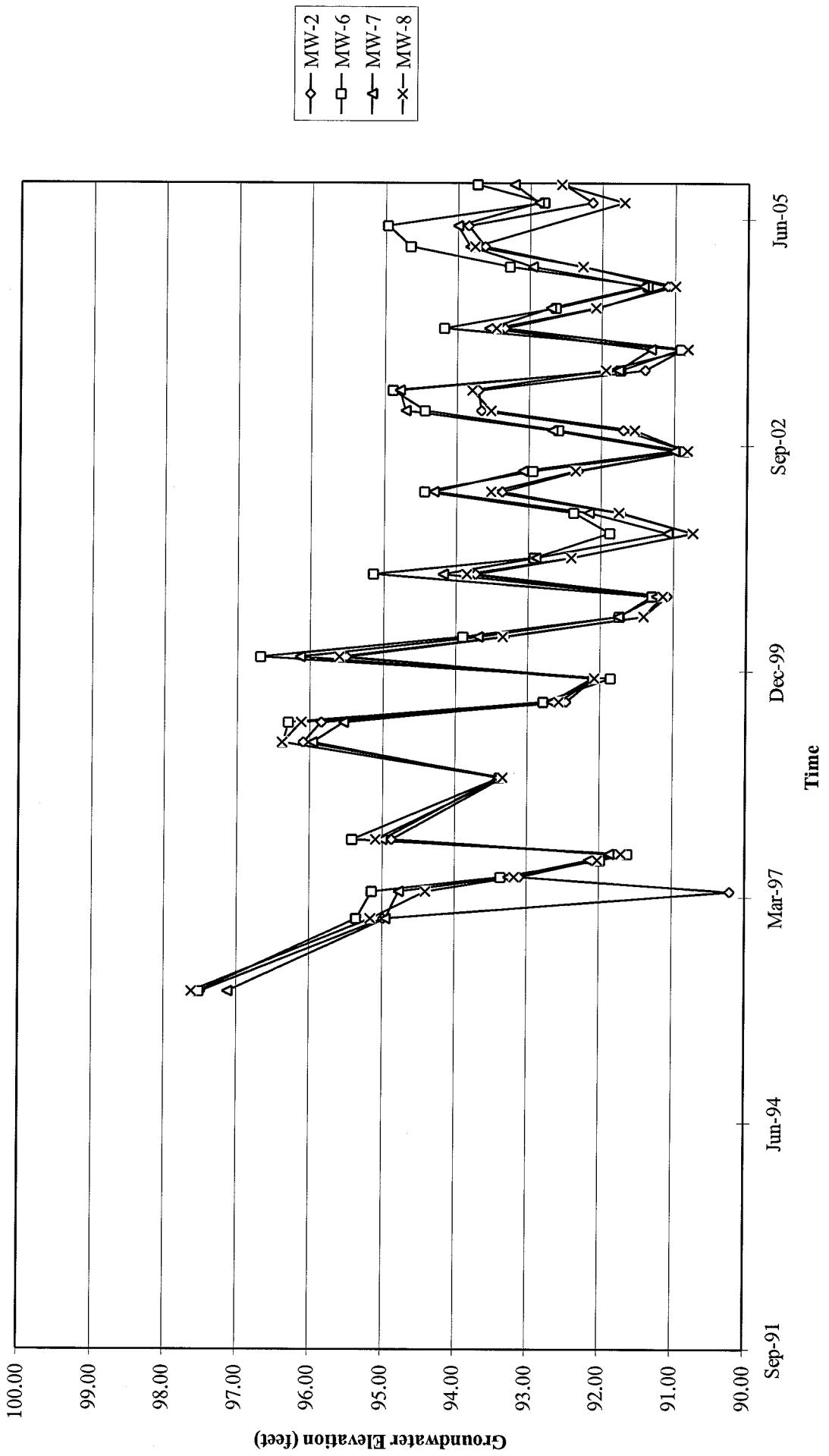
FIGURE 5

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

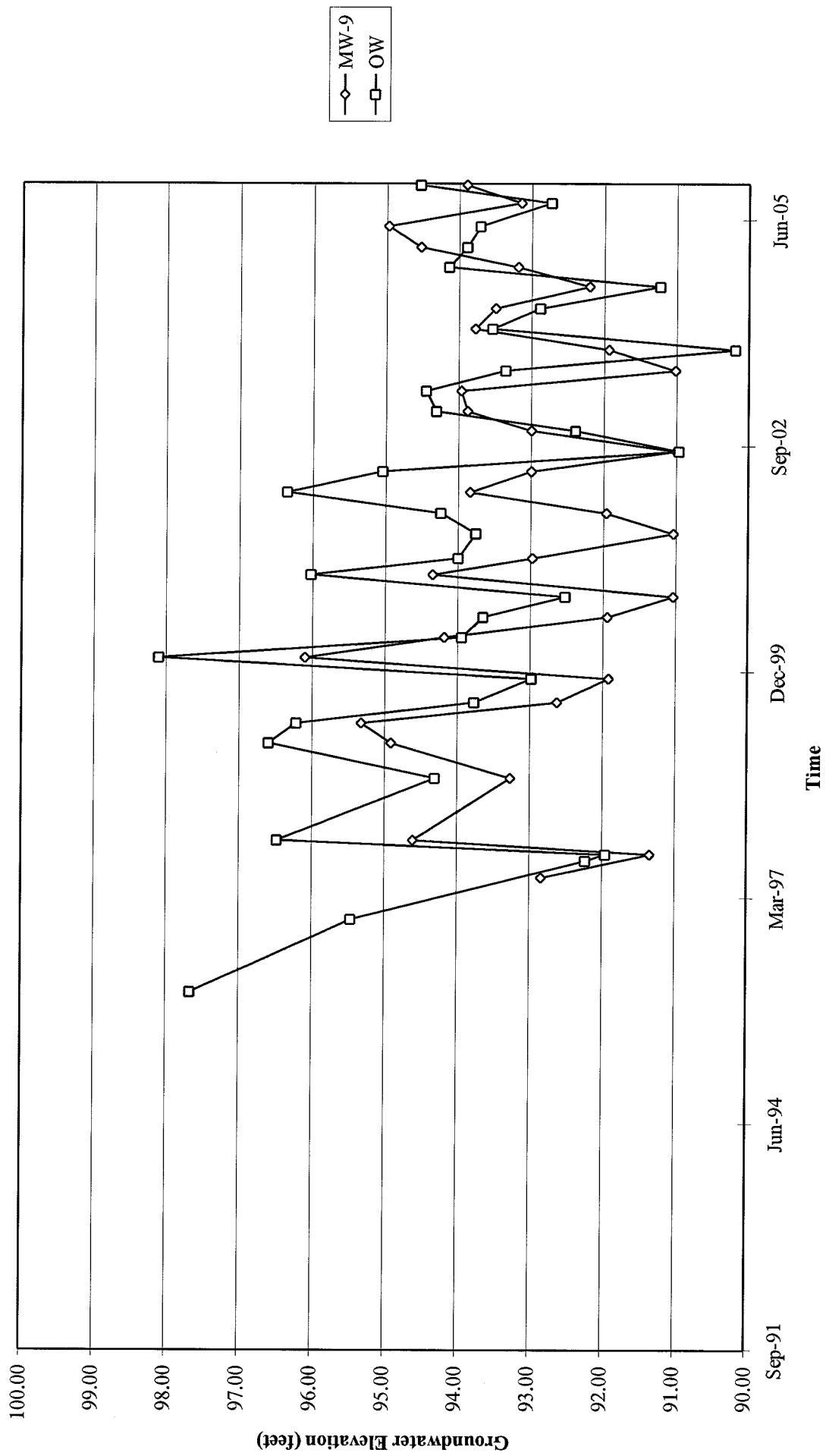
DISSOLVED-PHASE MTBE CONCENTRATION MAP
November 9, 2005

GRAPHS

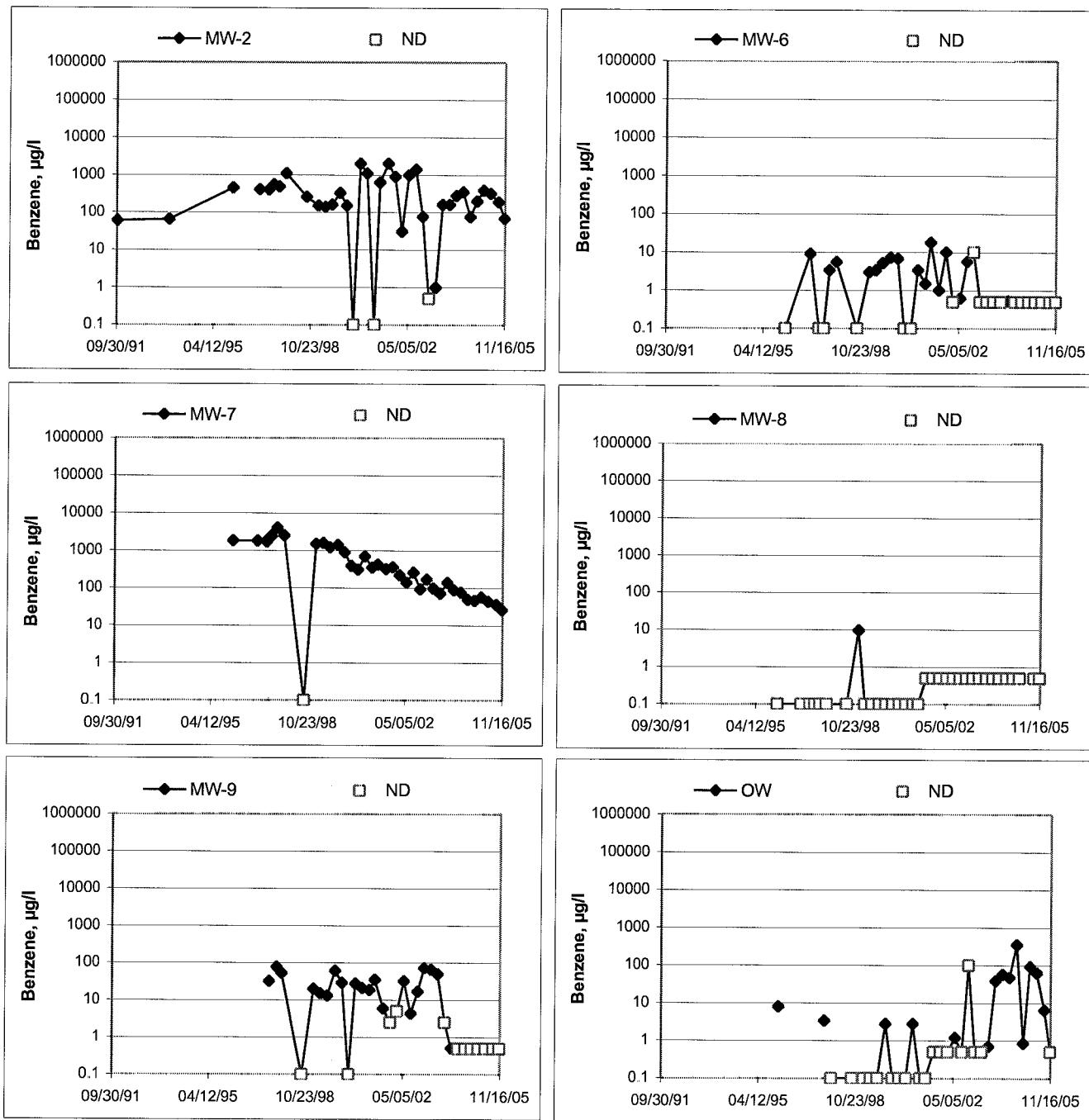
Groundwater Elevations vs. Time
Circle K Store 05426



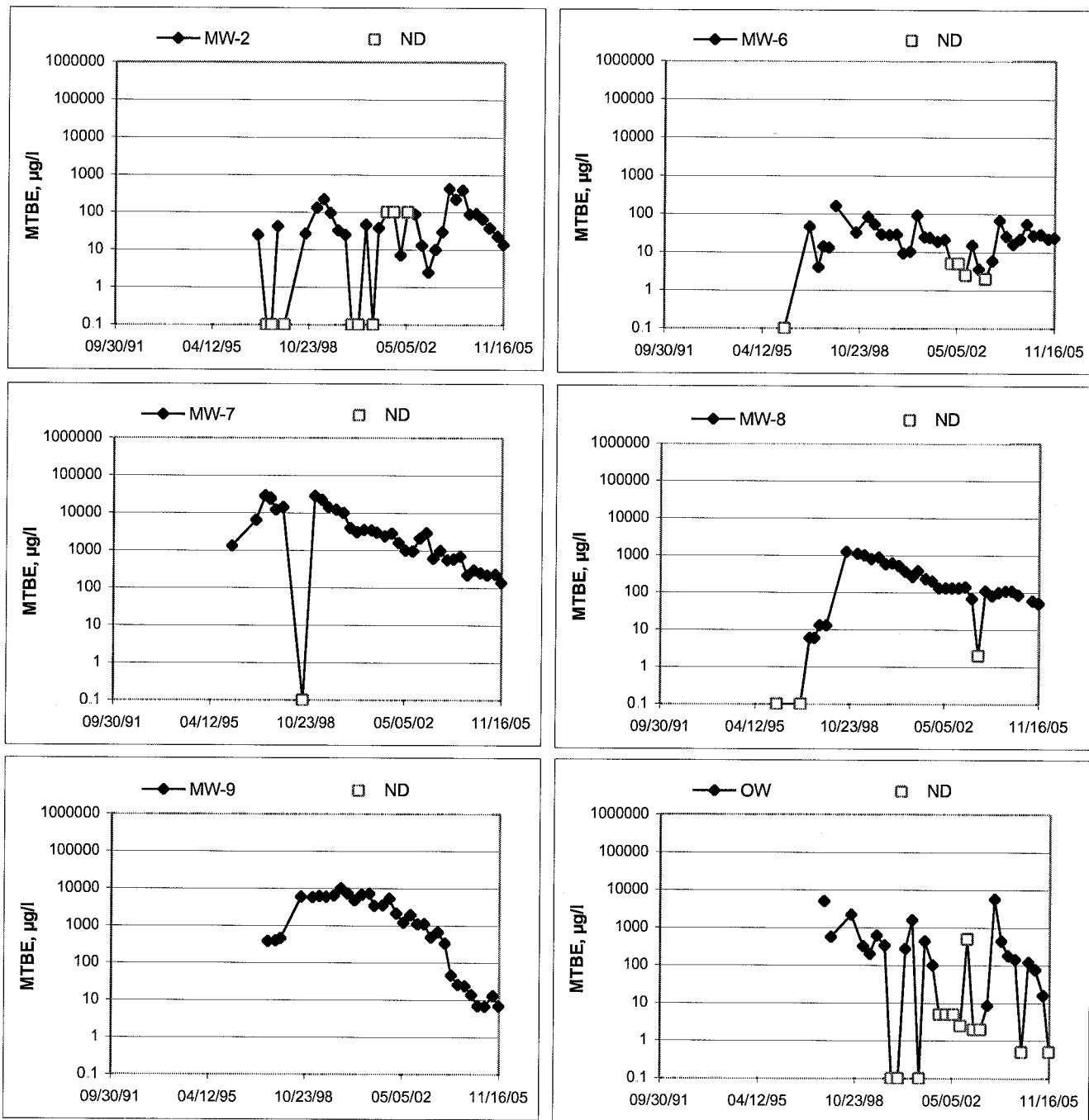
Groundwater Elevations vs. Time
Circle K Store 05426



Benzene Concentrations vs Time
Circle K Store 05426



MTBE Concentrations vs Time
Circle K Store 05426



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: ALEX

Job #/Task #: 41050001 / F420

Date: 11-09-05

Site # 05426

Project Manager A. Collier

Page 1 of 1

GROUNDWATER SAMPLING FIELD NOTES

Technician: AAC Project No: 41050001 Date: 11-08-05

Site: 85426

Project No.: 41050001 Date: _____

Date: _____

Well No.: M66-8

Purge Method: BA

Depth to Water (feet): 10-6 4

Depth to Product (feet): _____

Total Depth (feet): 19-26

LPH & Water Recovered (gallons):

Water Column (feet): 8-62

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12-36

1 Well Volume (gallons): _____

Well No.: 64

Purge Method: MM

Depth to Water (feet): 9-25

Depth to Product (feet): 6

Total Depth (feet): 12-80

LPH & Water Recovered (gallons): _____

Water Column (feet) 9.55

Casing Diameter (Inches): 24

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 05426

Project No.: 4-50001

Date: 11-09-05

Well No.: MW-9

Purge Method: Pin

Depth to Water (feet) 8.75

Depth to Product (feet): _____

Total Depth (feet) 17.49

LPH & Water Recovered (gallons): _____

Water Column (feet): 8.76

Casing Diameter (Inches): 2"

80% Recharge Depth (feet) 10.49

1 Well Volume (gallons): 1

Well No.: MW-6

Purge Method: Dm

Depth to Water (feet): 1052

Depth to Product (feet): 6

Total Depth (feet) 20.06

LPH & Water Recovered (gallons): 6

Water Column (feet) 954

Casing Diameter (Inches): 2"

GROUNDWATER SAMPLING FIELD NOTES

Site: 05424

Technician: Ale X

Project No.: 41050001

Date: 11-09-05

Well No.: Ma - 7

Purge Method: DIN

Depth to Water (feet) 10.60

Depth to Product (feet): _____

Total Depth (feet): 20.07

LPH & Water Recovered (gallons): _____

Water Column (feet): 9.47

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.49

1 Well Volume (gallons) 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F.)	pH	Turbidity	D.O.
1137			2	873	21.2	6.95		
			4	870	21.4	6.97		
	1140		6	872	21.3	6.98		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
11.37				6				1140

Well No.: MW-2

Purge Method **DIA**

Depth to Water (feet) 10.45

Depth to Product (feet):

Total Depth (feet): 20 - 80

I PH & Water Recovered (gallons): *0*

Water Column (feet) 10.35

Casing Diameter (Inches) 2½

ANALYTICAL REPORT

Job Number: 720-432-1

Job Description: Conoco Phillips #05426, Cotati

For:

TRC Solutions
21 Technology Drive
Irvine, CA 92718

Attention: Ms. Anju Farfan



Dimple Sharma
Project Manager I
dsharma@stl-inc.com

12/07/2005

METHOD SUMMARY

Client: TRC Solutions

Job Number: 720-432-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS Purge-and-Trap	STL-SF	SW846	8260B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846	5030B
Organic Compounds in Water by Microextraction	STL-SF	SW846	8015B
		SW846	3511

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**SEVERN
TRENT**

STL

Invoice/Credit No.	72070503	Invoice Date	December 06, 2005
Terms	2% 10, Net 30 Days		
Remit to	Severn Trent Laboratories, Inc. Box 4305, Philadelphia PA, 19175-4305		

Bill to:
ConocoPhillips Company Attn: Accounts Payable PO BOX 2200 Bartlesville, OK 74005

Ship to:
TRC Solutions 21 Technology Drive Irvine, CA 92718

P.O. Number	W.O. Number	Contract Number	Work Ordered by	
41050001/FA20	2378TRC501		Ms. Anju Farfan (949) 753-0101	
Job Description	Site Name	SDG Number	Invoice Contact	
Conoco Phillips #05426, Cotati			User ID. HUTCHD	
Job No.	Description	Quantity	Unit Price	Amount
J432-1	8015B_DRO - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	6.00	30.00	180.00
J432-1	8260B - Volatile Organic Compounds by GC/MS	6.00	28.00	168.00
STL Project Number	Client Number	STL Project Manager	Subtotal	\$348.00
72000337	565255	Dimple Sharma		
Latest Sample Receipt Date	Latest Report Date	Phone Number	Total	\$348.00
11/09/2005	12/06/2005	(925) 484-1919		

For proper credit, please include invoice number on all remittance.

SAMPLE SUMMARY

Client: TRC Solutions

Job Number: 720-432-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled		Date/Time Received	
720-432-1	MW-9	Water	11/09/2005	0000	11/09/2005	1615
720-432-2	MW-6	Water	11/09/2005	0000	11/09/2005	1615
720-432-3	MW-8	Water	11/09/2005	0000	11/09/2005	1615
720-432-4	OW	Water	11/09/2005	0000	11/09/2005	1615
720-432-5	MW-7	Water	11/09/2005	0000	11/09/2005	1615
720-432-6	MW-2	Water	11/09/2005	0000	11/09/2005	1615

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-9

Lab Sample ID: 720-432-1

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-1879	Instrument ID:	Varian 3900A
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200511\11
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/14/2005 2145			Final Weight/Volume:	10 mL
Date Prepared:	11/14/2005 2145				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	1.4		0.50
MTBE	6.9		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	890		50
Surrogate	%Rec	Acceptance Limits	
Toluene-d8	110	77 - 121	
1,2-Dichloroethane-d4	112	73 - 130	

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-6

Lab Sample ID: 720-432-2

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-1879	Instrument ID:	Varian 3900A
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200511\11
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/14/2005	2206		Final Weight/Volume:	10 mL
Date Prepared:	11/14/2005	2206			

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	24		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	130		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8	107		77 - 121
1,2-Dichloroethane-d4	105		73 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-8

Lab Sample ID: 720-432-3

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-1879	Instrument ID:	Varian 3900A
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200511\11
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/14/2005 2227			Final Weight/Volume:	10 mL
Date Prepared:	11/14/2005 2227				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	51		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8	108		77 - 121
1,2-Dichloroethane-d4	107		73 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: OW

Lab Sample ID: 720-432-4

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-1879

Instrument ID: Varian 3900A

Preparation: 5030B

Lab File ID: c:\saturnws\data\200511\11

Dilution: 1.0

Initial Weight/Volume: 10 mL

Date Analyzed: 11/14/2005 2248

Final Weight/Volume: 10 mL

Date Prepared: 11/14/2005 2248

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8	109		77 - 121
1,2-Dichloroethane-d4	109		73 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-7

Lab Sample ID: 720-432-5

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-1993	Instrument ID:	Saturn 3900B
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200511\11
Dilution:	5.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/15/2005	1611		Final Weight/Volume:	10 mL
Date Prepared:	11/15/2005	1611			

Analyte	Result (ug/L)	Qualifier	RL
Benzene	26		2.5
Ethylbenzene	26		2.5
MTBE	140		2.5
Toluene	ND		2.5
Xylenes, Total	8.7		5.0
Gasoline Range Organics (GRO)-C6-C12	3500		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8	94	77 - 121
1,2-Dichloroethane-d4	91	73 - 130

Method:	8260B	Analysis Batch:	720-1943	Instrument ID:	Varian 3900E
Preparation:	5030B			Lab File ID:	c:\varianws\data\200511\11
Dilution:	5.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/16/2005	0230		Final Weight/Volume:	10 mL
Date Prepared:	11/16/2005	0230			

Analyte	Result (ug/L)	Qualifier	RL
Benzene	32		2.5
Ethylbenzene	32		2.5
MTBE	220		2.5
Toluene	ND		2.5
Xylenes, Total	11		5.0
Gasoline Range Organics (GRO)-C6-C12	5600		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8	89	77 - 121
1,2-Dichloroethane-d4	103	73 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-2

Lab Sample ID: 720-432-6

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-1879	Instrument ID:	Varian 3900A
Preparation:	5030B			Lab File ID:	c:\saturnnws\data\200511\11
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	11/14/2005	2330		Final Weight/Volume:	10 mL
Date Prepared:	11/14/2005	2330			

Analyte	Result (ug/L)	Qualifier	RL
Benzene	69		0.50
Ethylbenzene	1.2		0.50
MTBE	14		0.50
Toluene	0.91		0.50
Xylenes, Total	1.5		1.0
Gasoline Range Organics (GRO)-C6-C12	840		50
Surrogate	%Rec	Acceptance	Limits
Toluene-d8	109	77 - 121	
1,2-Dichloroethane-d4	106	73 - 130	

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-9

Lab Sample ID: 720-432-1

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-1988	Instrument ID:	Varian DRO4
Preparation:	3511	Prep Batch:	720-1845	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	35.00 mL
Date Analyzed:	11/18/2005 0423			Final Weight/Volume:	2 mL
Date Prepared:	11/16/2005 1445			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics (C9-C24)	52		50
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	112		60 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-6

Lab Sample ID: 720-432-2

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-1988	Instrument ID:	Varian DRO4
Preparation:	3511	Prep Batch:	720-1845	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	35.00 mL
Date Analyzed:	11/18/2005 0450			Final Weight/Volume:	2 mL
Date Prepared:	11/16/2005 1445			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics (C9-C24)	ND		50
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	112		60 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-8

Lab Sample ID: 720-432-3

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-1988	Instrument ID:	Varian DRO4
Preparation:	3511	Prep Batch:	720-1845	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	35.00 mL
Date Analyzed:	11/18/2005 0611			Final Weight/Volume:	2 mL
Date Prepared:	11/16/2005 1445			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics (C9-C24)	ND		50
Surrogate	%Rec		Acceptance Limits
o-Terphenyl	116		60 - 130

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: OW

Lab Sample ID: 720-432-4

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-1988	Instrument ID:	Varian DRO4
Preparation:	3511	Prep Batch:	720-1845	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	35.00 mL
Date Analyzed:	11/18/2005 0638			Final Weight/Volume:	2 mL
Date Prepared:	11/16/2005 1445			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics (C9-C24)	140		50
Surrogate	%Rec	Acceptance Limits	
o-Terphenyl	110	60 - 130	

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-7

Lab Sample ID: 720-432-5

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-1988	Instrument ID:	Varian DRO4
Preparation:	3511	Prep Batch:	720-1845	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	35.00 mL
Date Analyzed:	11/18/2005 0705			Final Weight/Volume:	2 mL
Date Prepared:	11/16/2005 1445			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics (C9-C24)	490		50
Surrogate	%Rec	Acceptance Limits	
o-Terphenyl	109	60 - 130	

Analytical Data

Client: TRC Solutions

Job Number: 720-432-1

Client Sample ID: MW-2

Lab Sample ID: 720-432-6

Date Sampled: 11/09/2005 0000

Client Matrix: Water

Date Received: 11/09/2005 1615

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch:	720-1988	Instrument ID:	Varian DRO4
Preparation:	3511	Prep Batch:	720-1845	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	35.00 mL
Date Analyzed:	11/18/2005 0732			Final Weight/Volume:	2 mL
Date Prepared:	11/16/2005 1445			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics (C9-C24)	200		50
Surrogate	%Rec	Acceptance Limits	
o-Terphenyl	112	60 - 130	

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-1879				
LCS 720-1879/2	Lab Control Spike	Water	8260B	
LCSD 720-1879/1	Lab Control Spike Duplicate	Water	8260B	
MB 720-1879/3	Method Blank	Water	8260B	
720-432-1	MW-9	Water	8260B	
720-432-2	MW-6	Water	8260B	
720-432-3	MW-8	Water	8260B	
720-432-4	OW	Water	8260B	
720-432-6	MW-2	Water	8260B	
Analysis Batch:720-1943				
LCS 720-1943/2	Lab Control Spike	Water	8260B	
LCSD 720-1943/1	Lab Control Spike Duplicate	Water	8260B	
MB 720-1943/3	Method Blank	Water	8260B	
720-432-5	MW-7	Water	8260B	
Analysis Batch:720-1993				
LCS 720-1993/7	Lab Control Spike	Water	8260B	
LCSD 720-1993/6	Lab Control Spike Duplicate	Water	8260B	
MB 720-1993/8	Method Blank	Water	8260B	
720-432-5	MW-7	Water	8260B	
GC Semi VOA				
Prep Batch: 720-1845				
LCS 720-1845/2-A	Lab Control Spike	Water	3511	
LCSD 720-1845/3-A	Lab Control Spike Duplicate	Water	3511	
MB 720-1845/1-A	Method Blank	Water	3511	
720-432-1	MW-9	Water	3511	
720-432-2	MW-6	Water	3511	
720-432-3	MW-8	Water	3511	
720-432-4	OW	Water	3511	
720-432-5	MW-7	Water	3511	
720-432-6	MW-2	Water	3511	
Analysis Batch:720-1988				
LCS 720-1845/2-A	Lab Control Spike	Water	8015B	720-1845
LCSD 720-1845/3-A	Lab Control Spike Duplicate	Water	8015B	720-1845
MB 720-1845/1-A	Method Blank	Water	8015B	720-1845
720-432-1	MW-9	Water	8015B	720-1845
720-432-2	MW-6	Water	8015B	720-1845
720-432-3	MW-8	Water	8015B	720-1845
720-432-4	OW	Water	8015B	720-1845
720-432-5	MW-7	Water	8015B	720-1845
720-432-6	MW-2	Water	8015B	720-1845

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Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Method Blank - Batch: 720-1879

Lab Sample ID: MB 720-1879/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/14/2005 1754

Date Prepared: 11/14/2005 1754

Analysis Batch: 720-1879

Prep Batch: N/A

Units: ug/L

Method: 8260B

Preparation: 5030B

Instrument ID: Varian 3900A

Lab File ID: c:\saturnws\data\200511\1\

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50
Surrogate	% Rec		Acceptance Limits
Toluene-d8	110		77 - 121
1,2-Dichloroethane-d4	107		73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Laboratory Control/**Laboratory Control Duplicate Recovery Report - Batch: 720-1879 Preparation: 5030B**

LCS Lab Sample ID: LCS 720-1879/2

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/14/2005 1733

Date Prepared: 11/14/2005 1733

Analysis Batch: 720-1879

Prep Batch: N/A

Units: ug/L

Method: 8260B

Preparation: 5030B

Instrument ID: Varian 3900A

Lab File ID: c:\saturnws\data\200511\1'

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

LCSD Lab Sample ID: CSD 720-1879/1

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/14/2005 1815

Date Prepared: 11/14/2005 1815

Analysis Batch: 720-1879

Prep Batch: N/A

Units: ug/L

Instrument ID: Varian 3900A

Lab File ID: c:\saturnws\data\200511\111

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	105	96	69 - 129	10	25		
MTBE	101	93	65 - 165	8	25		
Toluene	105	98	70 - 130	7	25		
Surrogate	LCS % Rec	LCSD % Rec				Acceptance Limits	
Toluene-d8	112	111				77 - 121	
1,2-Dichloroethane-d4	103	98				73 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Method Blank - Batch: 720-1943

Lab Sample ID: MB 720-1943/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/15/2005 1931

Date Prepared: 11/15/2005 1931

Analysis Batch: 720-1943

Prep Batch: N/A

Units: ug/L

Method: 8260B

Preparation: 5030B

Instrument ID: Varian 3900E

Lab File ID: c:\varianws\data\200511\11

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte

Result

Qual

RL

Benzene

ND

0.50

Ethylbenzene

ND

0.50

MTBE

ND

0.50

Toluene

ND

0.50

Xylenes, Total

ND

1.0

Gasoline Range Organics (GRO)-C6-C12

ND

50

Surrogate

% Rec

Acceptance Limits

Toluene-d8

89

77 - 121

1,2-Dichloroethane-d4

94

73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Laboratory Control/**Laboratory Control Duplicate Recovery Report - Batch: 720-1943 Preparation: 5030B**

LCS Lab Sample ID: LCS 720-1943/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 1909
Date Prepared: 11/15/2005 1909

Analysis Batch: 720-1943
Prep Batch: N/A
Units: ug/L

Method: 8260B

Preparation: 5030B

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: CSD 720-1943/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 2237
Date Prepared: 11/15/2005 2237

Analysis Batch: 720-1943
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200511\111
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	89	84	69 - 129	5	25		
MTBE	110	103	65 - 165	6	25		
Toluene	93	87	70 - 130	6	25		
Surrogate	LCS % Rec	LCSD % Rec			Acceptance Limits		
Toluene-d8	95	91			77 - 121		
1,2-Dichloroethane-d4	94	89			73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Method Blank - Batch: 720-1993

Lab Sample ID: MB 720-1993/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 0742
Date Prepared: 11/15/2005 0742

Analysis Batch: 720-1993
Prep Batch: N/A
Units: ug/L

Method: 8260B
Preparation: 5030B

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200511\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50
Surrogate	% Rec	Acceptance Limits	
Toluene-d8	93	77 - 121	
1,2-Dichloroethane-d4	90	73 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Laboratory Control/

Laboratory Control Duplicate Recovery Report - Batch: 720-1993 Preparation: 5030B

LCS Lab Sample ID: LCS 720-1993/7

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/15/2005 0650

Date Prepared: 11/15/2005 0650

Analysis Batch: 720-1993

Prep Batch: N/A

Units: ug/L

Method: 8260B

Preparation: 5030B

Instrument ID: Saturn 3900B

Lab File ID: c:\saturnws\data\200511\1

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

LCSD Lab Sample ID: CSD 720-1993/6

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/15/2005 0716

Date Prepared: 11/15/2005 0716

Analysis Batch: 720-1993

Prep Batch: N/A

Units: ug/L

Instrument ID: Saturn 3900B

Lab File ID: c:\saturnws\data\200511\111

Initial Weight/Volume: 10 mL

Final Weight/Volume: 10 mL

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
Benzene	93	94	69 - 129	1	25	
MTBE	83	87	65 - 165	6	25	
Toluene	100	101	70 - 130	1	25	
Surrogate	LCS % Rec	LCSD % Rec			Acceptance Limits	
Toluene-d8	91	92			77 - 121	
1,2-Dichloroethane-d4	79	81			73 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TRC Solutions

Job Number: 720-432-1

Method Blank - Batch: 720-1845

Method: 8015B

Preparation: 3511

Lab Sample ID: MB 720-1845/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2005 0441
Date Prepared: 11/16/2005 1445

Analysis Batch: 720-1988
Prep Batch: 720-1845
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.0 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics (C9-C24)	ND		50
Surrogate	% Rec	Acceptance Limits	
o-Terphenyl	102	60 - 130	

Laboratory Control/

Laboratory Control Duplicate Recovery Report - Batch: 720-1845 Preparation: 3511

LCS Lab Sample ID: LCS 720-1845/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2005 0508
Date Prepared: 11/16/2005 1445

Analysis Batch: 720-1988
Prep Batch: 720-1845
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: CSD 720-1845/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2005 0536
Date Prepared: 11/16/2005 1445

Analysis Batch: 720-1988
Prep Batch: 720-1845
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qua
	LCS	LCSD					
Diesel Range Organics (C9-C24)	70	76	60 - 150	8	25		
Surrogate	LCS % Rec	LCSD % Rec				Acceptance Limits	
o-Terphenyl	103	106				60 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

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ConocoPhillips Chain Of Custody Record

Sampling Company: TRC		ConocoPhillips Site Manager: INVOICE REMITTANCE ADDRESS: 720-4132 21 Technology Drive, Irvine CA 92618 Project Director Handcopy or PDF Report to: Arija Farfan Telephone: 949-341-7440 Fax: 949-453-0111 Sample Name(s) (print): <i>Alex</i>		ConocoPhillips Work Order Number: CONOCOPHILLIPS Attn: Dee Hutchinson 3611 South Harbor, Suite 200 Santa Ana, CA, 92704		ConocoPhillips Cost object: GLOBAL ID NO: 05426		ConocoPhillips Site Manager: DATE: 11-09-05 PAGE: 1 of 1	
Address: 1220 Quarry Lane Pleasanton, CA 94568 (925) 484-1919 (925) 484-1096 fax		Valid Until Date: 05/10 GRAVITY DATE 2012771		Phone No.: Peter Thomson, TRC pthomson@trcsolutions.com		Phone No.: 949-341-7406		LAB USE ONLY	
PROJECT NUMBER: 41050001FF20		NOT DELIVERABLE TO IP or Designee:		REQUESTED ANALYSES		FIELD NOTES:			
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED <input checked="" type="checkbox"/>		TURNAROUND TIME (CALENDAR DAYS): <input type="checkbox"/> 14 DAYS <input type="checkbox"/> 7 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS		8015M - TPED Extractable 8260B - TPED/BTEX/MIE 8260B - TPED/BTEX/8 Oxygenates 8260B - TPED/BTEX/8 Oxygenates 8260B - TPED/BTEX/MIE 8270C - Semi-Volatiles 8608B - Full Scan VOCs (does not include oxygenates) + methanol (905M) 8608B - TPH/BTEX/8 Oxygenates 8608B - TPH/BTEX/8 Oxygenates 8608B - TPH/BTEX/MIE 8608B - Full Scan VOCs (does not include oxygenates) + methanol (905M) 8608B - Full Scan VOCs (does not include oxygenates) + methanol (905M)		REFRIGERATE 36045 w/ Rec 36045 unpre. 9		TEMPERATURE ON RECEIPT C°: <i>✓</i>	
* Field Point name only required if different from Sample ID		Lab No. Sample Identification/Field Point Name*		Sampling Date		Matrix		No. of cost	
<i>Mix - 1</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 2</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 3</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 4</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 5</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 6</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 7</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 8</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 9</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 10</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 11</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 12</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 13</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 14</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 15</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 16</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 17</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 18</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 19</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 20</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 21</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 22</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 23</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 24</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 25</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 26</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 27</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 28</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 29</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 30</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 31</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 32</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 33</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 34</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 35</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 36</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 37</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 38</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 39</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 40</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 41</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 42</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 43</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 44</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 45</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 46</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 47</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 48</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 49</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 50</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 51</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 52</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 53</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 54</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 55</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 56</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 57</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 58</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 59</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 60</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 61</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 62</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 63</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 64</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 65</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 66</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 67</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 68</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 69</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 70</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 71</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 72</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 73</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 74</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 75</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 76</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 77</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 78</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 79</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 80</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 81</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 82</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 83</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 84</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 85</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 86</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 87</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 88</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
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<i>Mix - 91</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 92</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
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<i>Mix - 94</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
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<i>Mix - 97</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
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<i>Mix - 99</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 100</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 101</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 102</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 103</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 104</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 105</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 106</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 107</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 108</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 109</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 110</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 111</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 112</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 113</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 114</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix - 115</i>		<i>11/09/05</i>		<i>05/10/05</i>		<i>✓</i>		<i>✓</i>	
<i>Mix -</i>									

LOGIN SAMPLE RECEIPT CHECK LIST

Client: TRC Solutions

Job Number: 720-432-1

Login Number: 432

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	NO TIME ON COC
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MS/ES		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R -149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid -phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.